

## Application for Professor of the Graduate Division

|                   |                                    |                  |      |
|-------------------|------------------------------------|------------------|------|
| Candidate:        | Janet Franklin                     |                  |      |
| College:          | CNAS                               | Department:      | BPSC |
| Last Review Date: | 20-21                              | Retirement Date: |      |
|                   | Effective Date of PGD Appointment: |                  |      |

**Document Checklist:**

- Exception request & approval (if applicable)
- Self-Statement
- Current UC Biography and Bibliography *or* Current UC Biography and CV
- Summary of scholarly activity during the past four years:
  - List of publications
  - Grant Activity
  - Presentations and Invited Talks
  - Graduate Student and/or Postdoctoral Training

(The most recent personnel review file may be submitted if the review was held within the past 4 years)
- Department Letter – must include faculty vote

**Dean’s Comments:** (Use a separate sheet if necessary)

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\_\_\_\_\_  
Dean’s Signature \_\_\_\_\_  
Date

**Submit completed file to:** **Academic Senate, 221 University Office Building – attn: CAP**  
or a pdf submitted electronically to [genie.mulari@ucr.edu](mailto:genie.mulari@ucr.edu)

Graduate Dean Review:  Recommends  Does Not Recommend (may attach comments)

\_\_\_\_\_  
Signature \_\_\_\_\_  
Date

CAP Review:  CAP minute attached

VPAP:  Recommends  Does Not Recommend

\_\_\_\_\_  
Signature \_\_\_\_\_  
Date

EVCP:  Recommends  Does Not Approve

\_\_\_\_\_  
Signature \_\_\_\_\_  
Date

## **SELF STATEMENT -- Application for Professor of the Graduate Division**

*Janet Franklin*

4/12/2022

I request an appointment as Professor of the Graduate Division following my retirement from UCR in order to continue participating in ongoing research at UCR and supervise and advise students at UCR.

### **Planned Teaching**

I am currently chairing two dissertation committees and one Masters committee, and am a member of ten other dissertation committed or qualifying exam committees at UCR. I will continue to chair or serve in those capacities on all of those those committees and support those students in their graduate programs until they are completed. This is a major ongoing commitment of time to UCR and is the primary service that I commit to fulfilling as a Professor of the Graduate Division.

I do not expect to teach classes.

### **Planned Research**

I am Co-PI on four active grants at UCR ("Ecological Support for the Powerhouse Fire", USDA Forest Service, and "Conservation Grazing Evaluation for Cajon Creek Habitat Conservation Management Area", Vulcan Materials Company Foundation, with Dr. Lorelee Larios, PI; and "Does Geography Play a Bigger Role Than Species Traits in Explaining Vulnerability of Plants to Global Change?" National Science Foundation, and "Resilient Restoration: Advancing Ecological, Cultural, and Community Resilience with Tribal Nations in Southern California," State of California Strategic Growth Council, with Dr. Helen Regan, PI). The funding will remain at UCR with the PIs and I will remain an active contributor to those grants in my capacity of a co-PI (designing experiments to address the research question, supervising student research assistants to carry out those experiments, support analysis of resulting data, disseminate results and conducting outreach).

I have not requested retaining my lab space, but have requested sufficient "office type" space for my students who are doing computational analyses in support of those grants.

### **Planned Service**

I am willing to continue to serve as a co-PI on the GAANN Fellowship Training grant awarded to UCR at the pleasure of the PIs ( as long as I am needed) -- although I presume that BPSC will prefer to replace me with an active faculty member, which I agree is advisable. I consider this a service to the department although it also blends teaching and research.

## Academic Personnel Services Unit (APSU) Biography Form

**TO BE FILLED OUT BY DEPARTMENT AP**

|  |   |
|--|---|
| Department: <b>Botany and Plant Sciences</b> | Position Title (include Rank and Step): <b>Professor of Graduate Division</b> |
|--|---|

**TO BE FILLED OUT BY THE EMPLOYEE**

|  |  |   |  |
|--|--|---|--|
| <b>Last Name, First Name and Middle Initial (exactly as it appears on your Passport or Social Security Card):</b><br>FRANKLIN, Janet |  |   |  |
| Business/School E-mail: <b>jfrankl@ucr.edu</b>   |  | Personal E-mail: <b>janet.franklin1@gmail.com</b>   |  |
| Current Address, City, State, and Zip Code:<br><b>3750 Main Street, Riverside CA 92501</b>   |  | Permanent/Foreign Address, City/Province, State/Country, and Zip/Postal Code:<br><b>4706 Angels Point, La Mesa CA 91941 USA</b> |  |
| Business/School Phone Number: <b>951 827 7020</b>  |  | Preferred Phone Number: <b>619 252 0418</b>   |  |
| US Citizen: <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No   |  | Visa Type:  | Visa Expiration:   |
| Do you have any family members employed by UCR?<br><input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No            |  | Name: <b>Sergio J. Rey</b>  | Relationship: <b>husband</b><br>Department: <b>School of Public Policy</b> |


**Educational Background:** Please list in chronological order, beginning with the most recent degree first.

|            |                           |  |
|------------|---------------------------|--|
| Degree     | Date Awarded (MM/DD/YYYY) | Institution: <b>University of California SANTA BARBARA</b> |
| <b>PhD</b> | <b>8/8/1988</b>           | Specialization: <b>Geography</b>                           |
| Degree     | Date Awarded (MM/DD/YYYY) | Institution: <b>University of California SANTA BARBARA</b> |
| <b>MA</b>  | <b>6/30/1983</b>          | Specialization: <b>Geography</b>                           |

**Previous Applicable Employment:** Please show a full account of your time from the date of your first academic employment up to the present with most recent position first. **Please include all previous UC experience.** If needed, please insert more rows, or attach an additional page.

| Dates (MM/DD/YYYY)                               | Institution, Organization and Location   | Rank, Title or Position   |
|--|--|---|
| FROM: <b>7/1/2017</b><br>TO: <b>present</b>      | <b>UC Riverside Department of Botany and Plant Sciences, Riverside CA</b>                      | <b>Distinguished Professor of Biogeography</b>                  |
| FROM: <b>08/01/2009</b><br>TO: <b>06/30/2017</b> | <b>Arizona State University, School of Geographical Sciences and Urban Planning, Tempe, AZ</b> | <b>Regent's Professor</b>                                       |
| FROM: <b>8/1/1989</b><br>TO: <b>7/31/2009</b>    | <b>San Diego State University, Departments of Geography and Biology, San Diego CA</b>          | <b>Assistant Professor; Associate Professor; Full Professor</b> |

Research Specialization: **conservation biogeography and landscape ecology**

|  |                       |
|--|-----------------------|
| Signature.  | Date <b>4/12/2022</b> |
|--|-----------------------|

April 12, 2022

**CURRICULUM VITAE  
JANET FRANKLIN**

Department of Botany and Plant Sciences  
900 University Ave, Riverside CA 92521  
Telephone: 951 827 7020  
ORCID: <https://orcid.org/0000-0003-0314-4598>

University of California - Riverside  
E-mail: [janet.franklin@ucr.edu](mailto:janet.franklin@ucr.edu)  
Personal E-mail: [janet.franklin1@gmail.com](mailto:janet.franklin1@gmail.com)

**Areas of Specialization**

Conservation biogeography, global change biology, species distribution modeling, plant community ecology, spatial ecology, landscape ecology, geographic information science.

**EDUCATION**

1988 Ph.D., Geography, University of California, Santa Barbara.  
1983 M.A., Geography, University of California, Santa Barbara.  
1979 B.A., Environmental Biology, University of California, Santa Barbara. With High Honors.

**PROFESSIONAL EXPERIENCE**

2017-present **Distinguished Professor and Distinguished Biogeographer**, Department of Botany and Plant Sciences, College of Natural and Agricultural Resources, University of California, Riverside, CA  
2017-2020 Cooperating Faculty Member, Department of Evolution, Ecology and Organismal Biology, University of California, Riverside, CA  
2017-present Faculty Affiliated Member, Geospatial Sciences Center (GSC), University of California, Riverside  
2017-2020 Adjunct Professor, School of Geographical Sciences and Urban Planning, Arizona State University  
2015-2017 Regents' Professor, School of Geographical Sciences and Urban Planning, Arizona State University  
2009-2015 Professor, School of Geographical Sciences and Urban Planning, Arizona State University  
2009-2012 Professor, School of Life Sciences, Arizona State University, Tempe, AZ  
2006-2009 Associate Chair, Department of Biology, San Diego State University  
2002-2009 Professor, Department of Biology, San Diego State University  
2002-2009 Adjunct Professor of Geography, San Diego State University  
1995-2002 Professor, Department of Geography, San Diego State University  
2001 Visiting Research Professor, Department of Geographical Sciences and Planning, University of Queensland, Brisbane, Qld, Australia (sabbatical)  
1992-1995 Associate Professor, Department of Geography, San Diego State University  
1989-1992 Assistant Professor, Department of Geography, San Diego State University  
1989-2002 Co-Director, Center for Earth Systems Analysis Research, SDSU

- 1988-1989 Visiting Lecturer, Department of Geography, San Diego State University, San Diego, CA.
- 1984-1988 Postgraduate Researcher and Teaching Assistant, Department of Geography, University of California, Santa Barbara, CA.
- 1983-1984 Staff Scientist, Universities Space Research Association, Washington, DC. Planning support for NASA Pilot Land Data System.
- 1978-1983 Research Assistant, Remote Sensing Research Unit, Department of Geography, University of California, Santa Barbara, CA.

## HONORS and AWARDS

- 2021 [Distinguished Landscape Ecologist](#), International Association for Landscape Ecology – North America.
- 2020 [James. J. Parsons Award](#) for Outstanding Lifetime Achievement in Biogeography, Biogeography Specialty Group, American Association of Geographers
- 2017 Outstanding Service Award, Spatial Analysis and Modeling Specialty Group, Association of American Geographers.
- 2016- Associate Member, Centre for Coastal Paleoscience, Nelson Mandela University, Port Elizabeth, South Africa.
- 2016- **Fellow, American Academy of the Arts and Sciences.**
- 2015- **Fellow, American Association for the Advancement of Science.**
- 2015- **Fellow, Ecological Society of America.**
- 2014 Elected Member, National Academy of Sciences, April 2014.**
- 2015-2017 Regents' Professor, Arizona State University.
- 2014-2017 Distinguished Sustainability Scientist, Global Institute of Sustainability, Arizona State University.
- 2012-2017 Honors Faculty, Barrett Honors College at Arizona State University.
- 2010-2014 Senior Sustainability Scientist, Global Institute of Sustainability, Arizona State University.
- 2011 Invited Keynote Speaker, National Environmental Observation Network (NEON) Members Meeting, Boulder, CO, Sep 16.
- 2008 Invited Visiting Scholar, Erasmus Mundus (European Union Education & Training): Geo-Information Science and Earth Observation for Environmental Modelling & Management (GEM), International Institute for Geo-Information Science & Earth Observation (ITC), Enschede, The Netherlands; University of Lund, Sweden; University of Southampton, UK (Aug-Sep).
- 2005 Distinguished Visitor Program, Women in Science, School of Biological, Environmental and Ecological Sciences (BEES), University of New South Wales, Sydney, Australia (13-17 Oct)
- 2001 Recognition of appreciation for outstanding service to the Association of American Geographers as Editor of *The Professional Geographer*, 3 March, New York, NY.
- 1999 Top 25 Award for Scholarship, Office of the President, San Diego State University.

- 1993-1995 Save the Earth Foundation Award for Environmental Research in the San Diego Region.
- 1990 Elected Member, Phi Beta Delta.
- 1989 Elected Member, Sigma Xi.
- 1987-1988 UCSB General Affiliates Graduate Dissertation Fellowship.
- 1984-1987 NASA Graduate Researchers Fellowship.
- 1976-1977 Chancellors Scholar, University of California, Santa Barbara.

## MEMBERSHIP & SERVICE TO PROFESSIONAL AND HONORARY SOCIETIES

- National Academy of Sciences, Engineering and Medicine, USA (2014-present)  
 Member, Geographical Sciences Committee, 2019-2021; 2022-2024  
 Co-Chair, Climate Change and Ecosystems Joint NAS-Royal Society Forum (2018)
- American Association for the Advancement of Science (2009-present) (member 40426539)  
 2017-2020, Chair-Elect (2017), **Chair** (2018), Retiring Chair (2019),  
 Nominating Committee (2019), Section on Geology & Geography
- American Academy of Arts and Sciences (2015-present)  
 2017-2018, Section Nomination Committee
- International Association of Landscape Ecology (member 1989-present) (US Chapter IALE-NA)  
 2019-2022, Member, Local Organizing Committee, Annual Symposium 2022  
 2016-2019, Member, Nominating Committee  
 2014-2016, **President**  
 2013-2014, *President-elect*  
 2012-2014, Member, Meeting Site Selection Committee  
 2010-2012, Chair, Meeting Site Selection Committee  
 2010-2012, Councilor-at-Large, Executive Committee  
 2008-2010, Member, Meeting Site Selection Committee  
 2006 Chair, Organizing Committee, US-IALE Annual Symp. San Diego
- International Association for Vegetation Science (member 1988-present)  
 2006-2007 **Chair** of IAVS-North America  
 2004-2005 Vice-Chair of IAVS-North America
- Ecological Society of America (since 1983)  
 2015-2016, Member, Selection Committee, MacArthur Award  
 2015-2018, Member, Executive Committee, Vegetation Classification Panel  
 2013-2018, Member, **Vegetation Classification Panel** (advances the US  
 National Vegetation Classification in cooperation with the US Federal  
 Geographical Data Committee)  
 1995-97, Cooper Award Subcommittee, Awards Committee
- American Association of Geographers (since 1988)  
 2020-2023, Research Grants Committee, member  
 1995-97, Regional Councilor, Remote Sensing Specialty Group  
 1992, Program Committee, Annual Meeting, San Diego CA  
 1991-93, Elected Board Member, Biogeography Specialty Group
- Association for Fire Ecology (AFE) (2006-2009)
- American Society of Photogrammetry and Remote Sensing (1984-2002)

1991, Selection Committee, Autometric Award for Outstanding Technical Publication on Photographic Interpretation

## EDITORIAL APPOINTMENTS

- 2019-2022 **Deputy Editor-in-Chief, *Frontiers of Biogeography***, International Biogeography Society (appointed 8/9/19).
- 2018-2019 Guest Editor, *Phil. Trans. Royal Soc. B*, National Academy of Sciences - Royal Society Sackler Forum Themed Issue on “Climate change and ecosystems: threats, challenges and the role of nature-based solutions”
- 2018-present Member, Editorial Board, the Ecology, Biodiversity and Conservation Series of books, Cambridge University Press
- 2014-present Subject Matter Editor, *Proceedings of the National Academy of Sciences, USA*
- 2014-present Member, Board of Editors, *Geographical Analysis*
- 2010-2020 Guest Co-editor, 5<sup>th</sup> Special Issue on Spatial Ecology, *International Journal of GIScience* ##(#), 2020; 4<sup>th</sup> Special Issue 30(1), 2016; 3<sup>rd</sup> Special Issue, 28(8), 2014; 2<sup>nd</sup> Special Issue, 26(11), 2012; 1<sup>st</sup> Special Issue 25(3), 2011
- 2016-2019 **Editor-in-Chief, *Diversity and Distributions*** (>500 submissions per year)
- 2011-2015 Subject Matter Editor, Editorial Board, *Ecological Applications* (ESA)
- 2008-2015 Subject Matter Editor, Editorial Board, *Diversity and Distributions*
- 2013 Guest Editor, Virtual Issue: Species distribution models in conservation biogeography, *Diversity & Distributions* [http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291472-4642/homepage/sdm\\_virtual\\_issue.htm](http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291472-4642/homepage/sdm_virtual_issue.htm)
- 2010-2013 Subject Matter Editor, Editorial Board, *Ecography*
- 2006-2011 Subject Matter Editor, Editorial Board, *Ecology, Ecological Monographs* (ESA)
- 1999-2006 **Associate Editor, *Journal of Vegetation Science***
- 2000-2005 Subject Matter Editor, Editorial Board, *Landscape Ecology* (IALE)
- 1997-2000 **Co-Editor-in-Chief, *The Professional Geographer*** (with Stuart Aitken) (AAG)
- 1997-1999 Member, Editorial Board, *Journal of Vegetation Science* (IAVS)
- 1995-1997 Member, Editorial Board, *The Professional Geographer* (AAG)

## PUBLICATIONS

### Books

- 2010 **Franklin, J.**, *Mapping Species Distributions: Spatial Inference and Prediction*, Cambridge University Press, Cambridge, UK. ISBN 978-0-521-87635-3 hb; 978-0-521-7002-3 pb. 338 pp.

### Edited Books

- 2013 van der Maarel, E. and **Franklin, J.** (eds.), Jan 2013. *Vegetation Ecology, 2<sup>nd</sup> ed.*, John Wiley & Sons, West Sussex, UK. 530 p. ISBN: 978-1-4443-3888-1

**Refereed Journal Articles** (student coauthors underlined; \*postdoctoral associates)**2022**

172. \*Velazco, S.J.E., de Andrade, A.F.A., Rose, M.B., Minolo, I., **Franklin, J.**, *flexsdm*: An R package for supporting a comprehensive and flexible species distribution modeling workflow, IN PRESS, *Methods in Ecology and Evolution*; accepted 4/7/22
172. Andrade, R., Larsen, K.L., **Franklin, J.**, Lerman, S.B., Bateman, H.L., Warren, P.S., Species traits explain public perceptions of human-bird interactions, 2022, *Ecological Applications* #####. Submitted 5/8/20; revisions requested 7/20/20; revisions submitted 12/3/20; minor revision requested 1/22/21; submitted 3/26/21; minor revisions requested 6/30/21; resubmitted 7/28/21; minor revisions requested 11/29/21; resubmitted 12/22/21; accepted 3/18/22
171. Peterson, A. T., M. E. Aiello-Lammens, R. P. Anderson, M. E. Cobos, J. A. F. Diniz-Filho, L. E. Escobar, X. Feng, **J. Franklin**, L. M. R. Gadelha Jr., K. Ingenloff, S. Jarvie, L. Jiménez, D. N. Karger, J. M. Kass, M. R. Kearney, R. Loyola, F. Machado-Stredel, E. Martínez-Meyer, C. Merow, M. K. Mondelli, S. R. Mortara, R. Muscarella, C. E. Myers, B. Naimi, Daniel Noesgaard, Ian Ondo, Luis Osorio-Olvera, Hannah L. Owens, R. Pearson, G. E. Pinilla-Buitrago, A. Sánchez-Tapia, E. E. Saupe, W. Thuiller, S. Varela, D. L. Warren, J. Wiczorek, K. Yates, G. Zhu, G. Zuquim, D. Zurell, IN PRESS, EMN2020: A free online course and set of resources on modeling species niches and distributions. *Biodiversity Informatics* 17:1-5.
170. Jenerette, D., Anderson, K., Cadenasso, M., Fenn, M., **Franklin, J.**, Goulden, M., Larios, L., Pincetl, S., Regan, H., Rey, S.J., Santiago, L., Syphard, A.D., IN PRESS, An Expanded Framework for Wildland-Urban Interfaces and their Management, *Frontiers of Ecology and the Environment* (accepted 11/1/21)

**2021**

169. **Franklin, J.**, Regan, H. M., Syphard, A. D., 2021. A framework linking biogeography and species traits to plant species vulnerability under global change in Mediterranean-type Ecosystems, *Frontiers of Biogeography* 13.4, e51254 DOI: 10.21425/F5FBG51254 <https://escholarship.org/uc/item/5qf5p307>
168. Ocón, J.P., Ibanez, T., **Franklin, J.**, Pau, S., Keppel, G., Rivas-Torres, G., Shin, M.E., Gillespie, T.W., 2021, Global tropical dry forest extent and cover: A comparative study of bioclimatic definitions using two climatic data sets, *PLoS One* 16(5): e0252063 <https://doi.org/10.1371/journal.pone.0252063>. Published 5/21/21
167. Zarnaske, P., Gurevitch, J., **Franklin, J.**, Groffman, P., Harrison, C., Hellmann, J., Hoffman, F., \*Kothari, S., Robock, A., Tilmes, S., \*Visioni, D., Wu, J., Xia, L., Yang, C.-E., 2021, Potential ecological impacts of climate intervention by reflecting sunlight to cool Earth (Perspective), *Proceedings National Academy of Sciences, USA*, DOI



10.1073/pnas.1921854118166 ].

166. **Inman, R., Franklin, J.**, Esque T., Nussear, K., 2021, Comparing sample bias correction methods for species distribution modeling using virtual species, *Ecosphere* 12(3): e03422. <https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecs2.3422>
165. \*Swanson, H.A., J.-C. Svenning, \*A. Saxena, \*R. Muscarella, **J. Franklin**, M. Garbelotto, A.S. Matthews, O. Saito, A.E. Schnitzler, J. M. Serra-Diaz, A.L. Tsing, 2021, History as grounds for interdisciplinarity: Promoting sustainable woodlands through an integrative ecological and socio-cultural historical perspective, *One Earth* 4:226-237. <https://doi.org/10.1016/j.oneear.2021.01.006> Published 2/21/21
164. **Franklin Rey, S.R., Franklin, J.**, Rey S.J., 2021, Microplastic pollution on island beaches, Oahu, Hawai'i, *PLoS ONE* 16(2): e0247224. <https://doi.org/10.1371/journal.pone.0247224> Published 2/18/21
163. **Andrade, R., Franklin, J.**, Larsen, K.L., Swan, C., Lerman, S.B., Batemen, H.L., Warren, P.S., York, A., 2021, Predicting the assembly of novel communities in urban ecosystems, *Landscape Ecology* 36:1-15. <https://doi.org/10.1007/s10980-020-01142-1>

## 2020

162. Steadman, D.W., **Franklin, J.**, 2020. Bird populations and species lost to late Quaternary environmental change and human impact in the Bahamas. *Proceedings Nat'l Academy Sci.* 117(43):26883-26841 [www.pnas.org/cgi/doi/10.1073/pnas.2013368117](http://www.pnas.org/cgi/doi/10.1073/pnas.2013368117).
161. \*Muscarella, R., Emilio, T., Phillips, O.L., Lewis, S.L., Slik, F., Baker, W.J., Couvreur, T.L.P., Eiserhardt, W.L., Svenning, J.-C., Affum-Baffoe, K., Aiba, S.-I., de Almeida, E.C., de Almeida, S.S., de Oliveira, E.A., Álvarez-Dávila, E., Alves, L.F., Alvez-Valles, C.M., Carvalho, F.A., Guarin, F.A., Andrade, A., Aragão, L.E.O.C., Murakami, A.A., Arroyo, L., Ashton, P.S., Corredor, G.A.A., Baker, T.R., de Camargo, P.B., Barlow, J., Bastin, J.-F., Bengone, N.N., Berenguer, E., Berry, N., Blanc, L., Böhning-Gaese, K., Bonal, D., Bongers, F., Bradford, M., Brambach, F., Brearley, F.Q., Brewer, S.W., Camargo, J.L.C., Campbell, D.G., Castilho, C.V., Castro, W., Catchpole, D., Cerón Martínez, C.E., Chen, S., Chhang, P., Cho, P., Chutipong, W., Clark, C., Collins, M., Comiskey, J.A., Medina, M.N.C., Costa, F.R.C., Culmsee, H., David-Higuita, H., Davidar, P., del Aguila-Pasquel, J., Derroire, G., Di Fiore, A., Van Do, T., Doucet, J.-L., Dourdain, A., Drake, D.R., Ensslin, A., Erwin, T., Ewango, C.E.N., Ewers, R.M., Fauset, S., Feldpausch, T.R., Ferreira, J., Ferreira, L.V., Fischer, M., **Franklin, J.**, Fredriksson, G.M., Gillespie, T.W., Gilpin, M., Gonmadje, C., Gunatilleke, A.U.N., Hakeem, K.R., Hall, J.S., Hamer, K.C., Harris, D.J., Harrison, R.D., Hector, A., Hemp, A., Herault, B., Pizango, C.G.H., Coronado, E.N.H., Hubau, W., Hussain, M.S., Ibrahim, F.-H., Imai, N., Joly, C.A., Joseph, S., K. A., Kartawinata, K., Kassi, J., Killeen, T.J., Kitayama, K., Klitgård, B.B., Kooyman, R., Labrière, N., Lamey, E., Laumonier, Y., Laurance, S.G., Laurance, W.F., Lawes, M.J., Levesley, A., Lisingo, J., Lovejoy, T., Lovett, J.C., Lu, X., Lykke, A.M., Magnusson, W.E., Mahayani, N.P.D., Malhi, Y., Mansor, A., Peña, J.L.M., Marimon-Junior, B.H., Marshall, A.R., Melgaco, K., Bautista, C.M., Mihindou, V., Millet, J., Milliken, W., Mohandass, D., Mendoza, A.L.M., Mugerwa, B., Nagamasu, H., Nagy, L., Seuaturien, N., Nascimento, M.T., Neill, D.A., Neto, L.M., Nilus, R., Vargas, M.P.N., Nurtjahya, E., de Araújo, R.N.O., Onrizal, O., Palacios, W.A., Palacios-Ramos, S., Parren, M., Paudel, E., Morandi, P.S., Pennington, R.T., Pickavance, G., Pipoly III, J.J., Pitman, N.C.A., Poedjirahajoe, E., Poorter, L., Poulsen, J.R., Rama Chandra Prasad, P., Prieto, A., Puyravaud, J.-P., Qie, L., Quesada, C.A., Ramírez-Angulo, H., Razafimahaimodison, J.C., Reitsma, J.M., Requena-Rojas, E.J., Correa, Z.R., Rodriguez, C.R., Roopsind, A., Rovero, F., Rozak, A., Lleras, A.R., Rutishauser, E., Rutten, G., Punchi-Manage, R., Salomão, R.P., Van Sam, H., Sarker, S.K., Satdichanh, M., Schiatti, J., Schmitt, C.B., Marimon, B.S., Senbeta, F., Nath Sharma, L., Sheil, D., Sierra, R., Silva-Espejo, J.E., Silveira, M., Sonké, B., Steininger, M.K., Steinmetz, R., Stévant, T., Sukumar, R., Sultana, A., Sunderland, T.C.H., Suresh, H.S., Tang, J., Tanner, E., ter Steege, H., Terborgh, J.W., Theilade, I., Timberlake, J., Torres-Lezama, A., Umunay, P., Uriarte, M., Gamarra, L.V., van de Bult, M., van der Hout, P., Martinez, R.V., Vieira, I.C.G., Vieira, S.A., Vilanova, E., Cayo, J.V., Wang, O., Webb, C.O., Webb, E.L., White, L., Whitfield, T.J.S., Wich, S., Willcock, S., Wiser, S.K., Young, K.R., Zakaria, R., Zang, R., Zartman, C.E., Zo-Bi, I.C. & Balslev, H. The global abundance of tree palms, *Global Ecology & Biogeography* 29:1495-1514 DOI: 10.1111/geb.13123.
160. Zurell D, **Franklin J.**, König C, Bouchet PJ, Serra-Diaz JM, Dormann CF, Elith J, Fandos Guzman G, Feng X, Guillera-Arroita G, Guisan A, Leitão PJ, Lahoz-Monfort JJ, Park DS, Peterson AT, Rapacciuolo G, Schmatz DR, Schröder B, Thuiller W, Yates KL,

- Zimmermann NE, Merow C, 2020, A standard protocol for describing species distribution models *Ecography*. 43: 1261-1277 DOI: 10.1111/ecog.04960.
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  6. **Franklin, J.**, C. E. Woodcock S. R. Phinn and J. Rogan, 2003, Rationale and conceptual framework for classification approaches to assess forest resources and properties, in *Remote Sensing of Forest Environments: Concepts and Case Studies*, M. Wulder and S. E. Franklin, editors, Kluwer Academic Publishers, 279-300.

5. Thomas, K., Keeler-Wolf, T. and **Franklin, J.**, 2002, A comparison of fine- and coarse-resolution environmental variables toward predicting vegetation distribution in the Mojave Desert, in *Predicting Species Occurrences: Issues of Accuracy and Scale*, J. M. Scott, P. J. Heglund, M. Morrison, M. Raphael, J. Hafler and B. Wall, Editors, Island Press, Covello, CA, 133-139. (refereed)
4. **Franklin, J.**, Keeler-Wolf, T., Thomas, K., Shaari, D. A., Stine, P., Michaelsen, J. and Miller, J., 2001, Stratified sampling for field survey of environmental gradients in the Mojave Desert Ecoregion, in *GIS and Remote Sensing Applications in Biogeography and Ecology*, A. Millington, S. J. Walsh and P. Osborne, Editors, Kluwer Academic Publishers, Netherlands, 229-253 (refereed).
3. **Franklin, J.**, 2001, Geographic information science and ecological assessment, in *An Integrated Ecological Assessment Protocols Guidebook*, P. Bourgeron, M. Jensen and G. Lessard (eds.), Springer-Verlag, New York, 151-161 (refereed).
2. **Franklin, J.**, P. McCullough, and C. Gray. 2000, Terrain variables used for predictive mapping of vegetation communities in Southern California, in *Terrain Analysis: Principles and Applications*, J. P. Wilson and J. C. Gallant (eds.), John Wiley & Sons, New York, 331-353 (refereed).
1. **Franklin, J.** and Woodcock, C.E., 1997, Multiscale vegetation data for the mountains of Southern California: spatial and categorical resolution, in: *Scale in remote sensing and GIS*, D. A. Quattrochi and M. F. Goodchild, eds., CRC/Lewis Publishers Inc., Boca Raton, FL., 141-168 (refereed).

#### Other Publications: Editorials, Letters, Book and Conference Reviews

- 2022 Peet, R.K., **Franklin, J.**, Diekmann, M., White, P.S. In memoriam: Eddy van der Maarel (1934 –2021), *Journal of Vegetation Science* 33:e13104  
<https://onlinelibrary.wiley.com/doi/10.1111/jvs.13104>
- 2020 Miller, J., Laffan, S. W., A. K. Skidmore and **J. Franklin**, Modeling movement, distribution, diversity, and disturbance: introduction to the 5th special issue on spatial ecology, *International Journal of Geographical Information Science* 34(8):1504-1507.
- 2020 Malhi, Y., **J. Franklin**, C. Field N. Knowlton, N. Seddon, M. Solan, M.G. Turner, Introduction: Climate Change and Ecosystems -- Threats, Opportunities and Solutions, *Phil. Trans. Royal. Soc. B*, 375(1794):20190104. <https://doi.org/10.1098/rstb.2019.0104> (editorial introduction to the Themed Issue on the National Academy of Science USA - Royal Society UK Forum on Climate Change and Ecosystems)
- 2019 Serra-Diaz, J.M. and **Franklin, J.** Editorial: What's hot in conservation biogeography in a changing climate? Going beyond species range dynamics (introduction to the special issue on conservation biology in a changing climate), *Diversity and Distributions* 25(4):492-498.

- 2019 McGill, B., Araújo, M., **Franklin, J.**, Linder, H.P. and Dawson, M.N. Editorial: Writing the future of biogeography, *Frontiers of Biogeography* 10(3-4). 10.21425/F5FBG41964
- 2018 Underwood, E., **Franklin, J.**, Molinari, N. and Safford, H., Global Change and the Vulnerability of Chaparral Ecosystems (report on the 2018 Chaparral Symposium), *Bulletin of the Ecological Society of America* 99(4):e01460
- 2017 Steadman, D.W. and **Franklin, J.** Reply to Benkman: Hispaniolan crossbills formerly resided in the Bahamas. Letter. *Proceedings of the National Academy of Sciences, USA* [www.pnas.org/cgi/doi/10.1073/pnas.1717497114](http://www.pnas.org/cgi/doi/10.1073/pnas.1717497114).
- 2016 **Franklin, J.**, *Diversity and Distributions* is (still) a journal of conservation biogeography (Editorial), *Diversity and Distributions* 22:1-2. DOI: 10.1111/ddi.1240
- 2016 Laffan, S. W., A. K. Skidmore and **J. Franklin**, Space, time, connectivity and conflict in biological landscapes: introduction to the 4rd special issue on spatial ecology, *International Journal of Geographical Information Science* 30(1):1-4. 10.1080/13658816.2015.1090001
- 2015 Gutzwiller, K. J., Dibble, E. D. and **Franklin, J.**, In memoriam: Samuel K. Riffell (1970-2014). *Landscape Ecology* 30:959-962. Published 6/15.
- 2015 Franklin, S. and the Ecological Society of America (ESA) Panel on Vegetation Classification, How can a national vegetation classification help ecological research and management? *Frontiers of Ecology and the Environment* 15:185-186
- 2014 Laffan, S. W., A. K. Skidmore and **J. Franklin**, Species diversity and distribution, habitat selection and connectivity: introduction to the 3rd special issue on spatial ecology, *International Journal of Geographical Information Science* 28(8):1527-1530. <http://dx.doi.org/10.1080/13658816.2014.902950>
- 2012 UCSB Geography in the 1980s: A Mini-Memoir from Janet Franklin. UCSB Department of Geography News (<http://www.geog.ucsb.edu/events/department-news/1115/ucsb-geography-in-the-1980s-a-mini-memoir-from-janet-franklin/>)
- 2012 Laffan, S. W., A. K. Skidmore and **J. Franklin**, Geospatial analysis of species, biodiversity and landscapes: introduction to the second special issue on spatial ecology, *International Journal of Geographical Information Science* 26(11):2003-2007. DOI 10.1080/13658816.2012.721557
- 2012 **Franklin, J.**, Back of the envelope: climate change and species distributions, *British Ecological Society Bulletin* 43(1): 28-30.
- 2009 Aspinall, R. J., J. A. Miller and **J. Franklin**. Calculations on the back of the climate envelope: addressing the geography of species distributions. *Proceedings of the National Academy of Sciences, USA* 106(16): E44. 10.1073/pnas.0809891106.

- 2005 Wilson, J. B., P. S. White, J. P. Bakker, S. Diaz and **J. Franklin**, Functional signatures, epizoochory, and mapping forest from satellites: Editor's Award, *Applied Vegetation Science* Vol. 8 pp. 1-2.
- 2003 **Franklin, J.**, Book review of *Biogeography: Introduction to Space, Time and Life*. Glen MacDonald. New York: John Wiley and Sons, Inc. 2003, *The Professional Geographer*, vol. 55, no. 2, pp. 283-285.
- 2000 Aitken, S. C and **Franklin, J.** In Retrospect: The Shaping of The Professional Geographer. *The Professional Geographer* 52:591-593. DOI: 10.1111/0033-0124.00248
- 1998 Aitken, S. C and **Franklin, J.** A semicentennial celebration: placing The Professional Geographer. *The Professional Geographer* 50:1-2. DOI: 10.1111/0033-0124.00098
- 1995 **Franklin, J.**, Geographical analysis supports ecosystem management [book review of *Remote sensing and GIS in ecosystem management*, V.A. Sample (ed.), Island Press, Washington D.C., 1994], *Ecology*, vol. 76, no. 6, pp. 2016-2017.

## SPONSORED RESEARCH

### Extramural Grants and Contracts

#### *Proposals Pending*

- 2022-2024 Spatial decision support for fire management in Indigenous cultural and stewardship practices, NASA Earth Science Applications: Equity and Environmental Justice. (JF Co-I; PI: Megan Jennings, SDSU) Award: \$100,000.

#### *Active Grants*

- 2022-2028 Training a New Generation of Plant Biologists for the Future of Agriculture and Ecosystem Sustainability, U.S. Department of Education, Graduate Assistance in Areas of National Need (GAANN) Fellows Training Grant. (JF Co-PI; PI: Thomas Eulgem, Botany & Plant Sciences, UCR) Award: \$910,000.
- 2021-2022 Sustainable and resilient natural ecosystems in California in an era of global change, Agricultural Experiment Research and Graduate Student Researcher Funding Support Program, College of Natural and Agricultural Sciences – UC Riverside Agricultural Experiment Station Mission Funding, US Department of Agriculture, \$8,500.
- 2020-2023 Resilient Restoration: Advancing Ecological, Cultural, and Community Resilience with Tribal Nations in Southern California, State of California Strategic Growth Council – Climate Change Research Program (Award No. CCR30009). (JF Co-PI; PI: H. Regan, UCR). Award: \$990,350. 10/1/20-3/31/23.

- 2019-2022 Does Geography Play a Bigger Role Than Species Traits in Explaining Vulnerability of Plants to Global Change? National Science Foundation – Geography and Spatial Sciences (BCS- 1853697) (JF Co-PI; PI: H. Regan, UCR). Award: \$450,000. 9/1/19-8/31/22.
- 2019-2022 Conservation Grazing Evaluation for Cajon Creek Habitat Conservation Management Area, Vulcan Materials Company Foundation. (JF Co-PI; PI: L. Larios, UCR). Award: \$75,000.
- 2018-2022 Ecological Support for the Powerhouse Fire, USDA Forest Service. (JF Co-PI; PI: L. Larios, UCR). Award: \$288,497.

*Completed Grants*

- 2020-2021 Sustainable and resilient natural ecosystems in California in an era of global change, Agricultural Experiment Research and Graduate Student Researcher Funding Support Program, College of Natural and Agricultural Sciences – UC Riverside Agricultural Experiment Station Mission Funding, US Department of Agriculture, \$12,054.
- 2015-2019 Avifauna Persistence and Vulnerabilities: Island Biogeography Across Long Time Scales, National Science Foundation – Geography and Spatial Sciences (BCS-1461496) (PI: D. Steadman, UF). Total award: \$474,000; Subaward to J. Franklin: \$130,000.
- 2015-2018 Collaborative Research: EAGER-NEON: How do Microscale Biophysical Processes Mediate Ecosystem Shifts during Climate Change-driven Drought? National Science Foundation (1550640). PIs: **J. Franklin**: \$216,000; F.W. Davis UCSB: \$65,000.
- 2011-2017 IPG - Developing and Testing an Integrated Paleoscape Model for the early Middle and Late Pleistocene of the South Coast of South Africa. National Science Foundation – Archaeology (BCS 1138073) (PI: C. Marean, ASU; co-I: **J. Franklin**) \$1,000,000.
- 2011-2017 Collaborative Research: Do microenvironments govern macroecology? PI: Frank Davis, UC Santa Barbara, in collaboration with UC Riverside, UC Berkeley, UC Los Angeles, Arizona State University, Conservation Biology Institute, Desert Research Institute, Conservation International. National Science Foundation – Macrosystems Biology (EF-1065864) (Co-I: **J. Franklin**, ASU EF-1065826). Total award: \$3,563,000; ASU: \$276,000.
- 2011-2015 Collaborative Research: Long-Term Dynamics and Resilience of Terrestrial Plant and Animal Communities in the Bahamas. In collaboration with University of Florida. National Science Foundation – Geography and Spatial Sciences (BCS-

- 1118340) (PIs: **J. Franklin**, ASU; D. Steadman, UF). Total award: \$410,000; ASU: \$250,000.
- 2011-2012 Decision support for climate change adaptation and fire management strategies for at risk species in southern California. California Land Conservation Cooperative (PI: H. Regan, \$100,000 awarded to UC-Riverside; JF commitment ASU in-kind support)
- 2010-2016 CAP3: Urban Sustainability In The Dynamic Environment Of Central Arizona USA. National Science Foundation (PI: Nancy Grimm, \$1M. Franklin: Senior Personnel).
- 2010-2012 Development of Fire Management Tools to Maximize Training Days and Minimize Habitat Conversion at Marine Corps Base Camp Pendleton. Department of Defense - Navy, Colorado Plateau Cooperative Ecosystems Studies Unit (CESU) Cooperative Agreement. \$18,000.
- 2008-2012 Collaborative Research: The persistence of biodiversity in southern California under future land-use scenarios, National Science Foundation (DEB 0824708) (PI: H. Regan, UC-Riverside) UCR \$324,000; ASU \$124,000 (**J. Franklin**, Co-PI).
- 2010-2011 Climate change impacts on plant functional groups in a biodiversity hotspot. Department of Energy National Institute for Climatic Change Research (NICCR) (DE-FC02-06ER64159). (PI: H. Regan, UC-Riverside; Co-PI: **J. Franklin**, ASU) UCR \$79,544; ASU \$45,456 (1 yr).
- 2007-2008 Assessing terrestrial plant communities in the San Diego Multiple Species Conservation Plan, (Co-Investigator with D. Deutschman, PI), California State Department of Fish & Game. \$150,000.
- 2006-2007 Status of the Torrey Pine (*Pinus torreyana*) at Torrey Pines State Reserve, Torrey Pines Association. \$15,003 (18 mos).
- 2005-2009 Collaborative Research: Spatial inference and prediction with biogeographical data, National Science Foundation BSC-0452389 4/05-3/09, (Co-PIs: R. Fisher, USGS; Collaborating PI: J. Miller, Univ. Texas - Austin) \$142,369 (SDSU).
- 2005-2007 Assessing and improving the San Diego Multiple Species Conservation Program (MSCP) Biological Monitoring Plan, (Co-PIs: H. Regan and D. Deutschman), California State Department of Fish & Game. \$199,936.
- 2004-2009 Post-Cedar fire mixed conifer-hardwood monitoring and regeneration survey at Cuyamaca Rancho State Park, San Diego, California. California Department of Parks & Recreation, Colorado Desert District. \$100,399.

- 2000-2003 Operational monitoring of alteration in regional forest cover using multitemporal remote sensing data, (Co-PI: D. Stow), NASA Land Use and Land Cover Change Program, Office of Earth Science. \$274,311.
- 1999-2003 The Effect of Land Management on Fire Regimes and Landscape-Scale Vegetation Patterns in the Transverse and Peninsular Mountain Ranges of Southern California, National Science Foundation Geography and Regional Science Program, \$180,000.
- 1999-2002 Regional change monitoring of habitat reserve systems with very high resolution remotely sensed data (Co-Investigator with D. Stow, PI), NASA NRA-98-OES-09, \$470,000.
- 1999-2002 Implementation of predictive soil modeling in the National Cooperative Soil Survey (Co-Investigator with Oliver Chadwick, UC-Santa Barbara, PI), NASA NRA-98-OES-09, \$386,651 (SDSU: \$34,200).
- 1998-1999 Biogeographic distribution of herpetofauna in San Diego County, U.S. Geologic Survey -- Biological Resources Division, \$9,143.
- 1997-2000 Mojave Desert Ecosystem Initiative: Vegetation Mapping Using GIS and Predictive Modelling, US Geologic Survey -- Biological Resources Division, \$240,000.
- 1997-1998 Decision rules for accuracy assessment of vegetation maps, USDA Forest Service Region 5 Remote Sensing Lab, \$24,500.
- 1996-1997 Changing Land Use Patterns Along the United States-Mexican Border: Effects on Ecosystem Structure and Climate Feedbacks, US-EPA and Southwest Center for Environmental Research and Policy (SCERP), (Co-PI with J Klopatek, R Balling, A Brazel, Arizona State University), \$118,326 (SDSU subcontract: \$17,594).
- 1993-1997 Mapping the Existing Vegetation in Four National Forests in Southern California and the Sierra National Forest Using Remote Sensing and Digital Terrain Data, USDA Forest Service Region 5. \$1,222,000.
- 1994-1996 Effects of Disturbance on Biogeography of Tongan Plants and Birds. National Geographic Society Committee on Research and Exploration, \$28,401.
- 1994 Evaluation of Vegetation Data Collected in Anza Borrego State Park, California Department of Parks and Recreation, \$3,000.
- 1991-1993 Mapping Vegetation Stands Using Image Segmentation for Management, Monitoring and Modeling in the Pine Creek Watershed, Cleveland National Forest. USDA Forest Service Cooperative Agreement. \$38,000.



- 1991 Evaluating the Use of Satellite Imagery for Regional Vegetation Mapping. San Diego Association of Governments (Co-P.I.: D. Stow). \$10,000.
- 1990-1994 Canopy Reflectance Modeling of Semiarid Vegetation. National Aeronautics and Space Administration. \$174,000.
- 1989-1990 Improved Methods for Monitoring Vegetation Structure and Change for Input to Landscape-Scale Ecosystem Process Models. National Science Foundation, Career Advancement Award. \$40,871.
- 1989 Mapping Ecological Types using Digital Multispectral Imagery in the Cleveland National Forest. USDA Forest Service Cooperative Agreement (Co-PI: R. Wright). \$8,000.
- 1988 Canopy Reflectance Modeling and Derivation of Stand Indices for California Oak Woodland. California Space Institute. (Principal Investigator: Frank W. Davis, Co-P.I.: **J. Franklin**). \$8,500.
- 1987 Conservation of Polynesian Birds Through Habitat Mapping and Species Introduction. National Geographic Society. (PI: D. S. Simonett, Co-P.I.: **J. Franklin**). \$2,475.
- 1985-1987 Canopy Reflectance Modeling in a Tropical Wooded Grassland. National Aeronautics and Space Administration. (PI: D.S. Simonett). \$71,300.

#### **Graduate Student Fellowships and Grants (\*Advisor is PI)**

- 2016 Social-spatial analyses of environmental attitudes in Phoenix, Arizona: 2006, 2011, and beyond; Central Arizona Project Long Term Ecological Research Program, School of Sustainability, ASU. Graduate Student Research Grant to **Riley B. Andrade** (\$4K)
- 2015 Survey 200: A powerful tool for examining urban vegetation change under the Great Recession, Central Arizona Project Long Term Ecological Research Program, School of Sustainability, ASU. Graduate Student Research Grant to **Julie Ripplinger** (\$4K)
- 2012 Urban Resilience: Testing Ecological Theory in Cities, Central Arizona Project Long Term Ecological Research Program, School of Sustainability, ASU. Graduate Student Research Grant to **Julie Ripplinger** (\$4K)
- 2006-2010 Examination of Habitat Fragmentation and Effects on Species Persistence in the Vicinity of Naval Base Pt. Loma, San Diego, Ca; Department of Defense Strategic Environmental Research and Development Program (SERDP) Project 1473 (Cooperative Agreement N62473-06-LT-R0017). **Dawn Lawson** (JF co-

Advisor with H. Regan). (\$342K total; \$12K/yr to HR and JF for project supervision)

- 2005 Department of Defense Legacy Resource Management Grant for Multi-species Management Using Modeling and Decision Theory, **Dawn Lawson** (JF co-Advisor with H. Regan).
- 2002-2005 \* Long-term impacts of frequent fire and urbanization on native vegetation in California mediterranean-type shrublands: an integrated simulation modeling strategy, NASA Earth System Science Graduate Student Doctoral Fellowship to **Alexandra Syphard** (\$24K/yr), total \$72,000.
- 1999-2002 \* Predictive soil modeling in soil survey. US Environmental Protection Agency (EPA), STAR Doctoral Fellowship to **Peter Scull** (stipend \$17K/yr), plus research funds (\$34K), total \$85K.
- 1999-2000 \* A multiresolution approach to remote sensing of fire fuels, National Science Foundation Geography and Regional Science Program Dissertation Improvement Grant (for **Bruce Frank**), \$5.3K.
- 1992-1995 \* Canopy Reflectance Modeling of Semiarid Vegetation, NASA Earth System Science Graduate Student Doctoral Fellowship to **Jeff Duncan**. (stipend & research funds, \$18K/yr, total \$54K).

#### **Intramural Grants – Arizona State University**

- 2013 Vegetation Dynamics and Resilience in CAP LTER 2000-2010, Central Arizona Project Long Term Ecological Research Program, School of Sustainability, ASU (summer salary)
- 2011 Vegetation Dynamics and Resilience in CAP LTER 2000-2010, Central Arizona Project Long Term Ecological Research Program, School of Sustainability, ASU (summer salary)

#### **Intramural Grants - San Diego State University**

- 2003 Effects of a hot natural wildfire on the chaparral plant community at the Sky Oaks Biological Field Station. Grant-in-Aid, University Research Council, San Diego State University. \$4,767.
- 1994 Mapping Vegetation Stands Using Image Segmentation in a Desert Environment. Grant-in-Aid, University Research Council, San Diego State University. \$7,974.
- 1992 Conservation of Biodiversity in Polynesia: Inventory of Biological Resources on Selected Islands in the Kingdom of Tonga. Research, Scholarship and Creative Activity Program and Affirmative Action Faculty Development Program. \$3,650.
- 1991 Remote Sensing Methods for Monitoring Desertification. Research, Scholarship and Creative Activity Program and Affirmative Action Faculty Development Program. \$2,750 and one Semester research leave.

- 1990 Mapping and Analysis of Spotted Owl Habitat in Northern California. College of Arts & Letters, San Diego State University. Research, Scholarship, and Creative Activity Program. \$1,985.
- 1990 Geography's Role in the Conservation of Biological Diversity. Affirmative Action Faculty Development Program. \$3,170.
- 1989 Mapping Woody Vegetation in the South Luangwa National Park, Zambia, Using Remote Sensing. College of Arts & Letters, San Diego State University, Research, Scholarship and Creative Activity Program. \$4,071.

### Intramural Grants - U.C. Santa Barbara

- 1987 Species Conservation in the South Pacific Through Habitat Mapping Using Remotely Sensed Data. California Space Institute (UCSD). (PI: J.E. Estes, Co-PI: **J. Franklin**). \$7,500.
- 1986 Conservation of Biological Resources in the South Pacific Through Habitat Mapping Using Remotely Sensed Data. University of California Pacific Rim Research Program. (PI: D.S. Simonett, Co-PI: **J. Franklin**). \$2,600.

### Technical Reports

- 2020 Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, R. T. Kingsford, T. (eds.) The IUCN Global Ecosystem Typology v2.0: Descriptive profiles for Biomes and Ecosystem Functional Groups. IUCN, Gland, Switzerland. ISBN: 978-2-8317-2077-7. DOI 978-2-8317-2077-7. (Contributing authors: Keith DA, Ferrer-Paris JR, Nicholson E, Bishop MJ, Polidoro BA, Ramirez-Llodra E, Tozer MG, Nel JL, Mac Nally R, Gregr EJ, Watermeyer KE, Essl F, Faber-Langendoen D, Giller PS, Robson B, **Franklin J**, Lehmann CER, Etter A, Roux DJ, Stark JS, Rowland JA, Brummitt NA, Fernandez-Arcaya UC, Suthers IM, Iliffe TM, Gerovasileiou V, Sakihara TS, Wisser SK, Donohue I, Jackson LJ, Pennington RT, Linardich C, Pettorelli N, Andrade A, Kontula T, Lindgaard A, Tahvanainen T, Terauds A, Venter O, Watson JEM, Chadwick MA, Murray NJ, Moat J, Pliscoff P, Corlett RT, Young KR, McGlone MS, Williams RT, Loidi J, Russell-Smith J, Gibson D, Eldridge DJ, Anesio AMB, Körner CH, Harper R, Bogaart PW, Bhanumati P, Sharma M, Hose GC, Gonzalez BC, Brankovits D, Martínez García A, Lamson M, Seidel B, Sedar DM, Santos S, Havird J, Catford JA, Rains MC, Irvine K, Arthington AH, Kelly-Quinn M, Bertilsson S, Hollibaugh JT, Channing A, Siegert MJ, Reidy Liermann C, Beveridge M, Bianchi TS, Woodland RJ, Dafforn KA, McSweeney SL, Cutler NA, Orth RJ, Altieri AH, Rossi S, Sheppard CRC, Swearer SE, Rykaczewski RR, Shannon LJ, Priede IG, Sutton TT, Claisse JT, Acosta ATR, Carnell PE, Crowe TP, Firth LB, Hay SE, García L, Zager I, Bland LM, Kingsford RT)
- 2011 **Franklin, J.** (with H. Regan), *Collaborative Project: Climate change impacts on a plant functional group in a biodiversity hotspot*, Final Report, Western Regional Center of the Department of Energy's National Institute for Climatic Change Research.
- 2009 **Franklin, J.**, Bergman, E. and Santos, E. *Mixed Conifer Forest Restoration Project, Cuyamaca Rancho State Park, San Diego, California*. Final Report, Interagency Agreement Number C0643016, California Department of Parks and Recreation, Colorado Desert District, Borrego Springs, CA. 4 pp, July 2009.
- 2008 **Franklin, J.** *Post-Cedar Fire Mixed Conifer-Hardwood Monitoring at Cuyamaca Rancho State Park, San Diego, California*. Final Report, Interagency Agreement Number C0543025, California Department of Parks and Recreation, Colorado Desert District, Borrego Springs, CA. 26 pp, December 2008.
- 2008 Deutschman, D. H., Strahm, S., Bailey, D., A., **Franklin, J.**, and Lewison, R., *Using Variance Components Analysis to Improve the Vegetation Monitoring Plan for the San Diego Multiple Species Conservation Program (MSCP)*, Report for Local Assistance Grant #P0685105. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson. June 2008.

- 2007 **Franklin, J.**, and Santos, E. *Mixed Conifer Forest Restoration Project, Cuyamaca Rancho State Park, San Diego, California*. Draft Plan for Stratified Random Sampling, Interagency Agreement Number C0643016, California Department of Parks and Recreation, Colorado Desert District, Borrego Springs, CA. 9 pp. December 2007.
- 2007 **Franklin, J.**, *Statistical modeling of the distribution and abundance of Quercus pacifica and Q. tomentella on Catalina Island*, Technical Report submitted to Denise Knapp, Senior Plant Ecologist, The Catalina Island Conservancy, April 2007.
- 2007 Deutschman, D. H., Hierl, L. A., **Franklin, J.**, and Regan, H. M., *Vegetation Community Monitoring Recommendations for the San Diego Multiple Species Conservation Program*, Report for Task D of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson (April 15, 2007).
- 2007 Hierl, L. A., **Franklin, J.**, Deutschman, D. H., and Regan, H. M., *Developing Conceptual Models to Improve the Biological Monitoring Plan for San Diego's Multiple Species Conservation Program*, Report for Task C of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson (February 2007).
- 2006 **Franklin, J.**, Hierl, L. A., Deutschman, D. H. and Regan, H. M., *Grouping and Prioritizing Natural Communities for the San Diego Multiple Species Conservation Program*, Report for Task B2 of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson.
- 2006 Regan, H. M., Hierl, L. A., **Franklin, J.**, and Deutschman, D. H., *Multiple Species Conservation Program: Covered species Prioritization*, Report for Task B1 of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson.
- 2005 Hierl, L. A., Regan, H. M., **Franklin, J.**, and Deutschman, D. H., *Assessment of the Biological Monitoring Plan for San Diego's Multiple Species Conservation Program*, Report for Task A of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson.
- 2004 Thomas, K. A., **J. Franklin**, T. Keeler-Wolf, and P. A. Stine, *Mojave Desert Ecosystem Program: Central Mojave Vegetation Mapping Project*. Final Report prepared for the Mojave Desert Ecosystem Program. U.S. Geological Survey Western Ecological Research Center and Southwest Biological Science Center, Sacramento CA. 251 p. + CD-ROM.
- 2001 Stow, D, J. O'Leary, L. Coulter, A. Hope, **J. Franklin**, and six other authors, *Application of digital imaging technologies for monitoring and managing MSCP/NCCP Reserves*, Final Report, City of San Diego, 35 p.
- 2001 **Franklin, J.** and D. W. Steadman, *Biogeography and Community Ecology of Birds and Forests in the Lau Archipelago, Fiji: A Long Term Perspective: Report on Field Research in February-March and October-November 2000*, submitted to the Fiji Museum (T. Sarovi-Vunidilo and S. Matararaba, Department of Archaeology).
- 1998 Carpenter, G, Gopal, S., Macomber, S., Martens, S., Woodcock, C. and **Franklin, J.**, *A neural network method for efficient vegetation mapping*. Technical Report CAS/CNS-98-035, Center for Adaptive Systems, Department of Cognitive and Neural Systems, Boston University, 31 p.
- 1998 Klopatek, J. M., R. C. Balling, Jr., A. W. Brazel, **J. Franklin** and C. J. Watts, *Land-use change along the United States-Mexico border: ecosystem effects and climate feedbacks*, Final Report on Grant PP96IV-2, US-EPA and Southwest Center for Environmental Research and Policy (SCERP).
- 1998 Stow, D., **J. Franklin**, A. Hope, J. O'Leary, R. Wright P. Longmire, and E. Almanza, *An assessment of the potential of geo-spatial technologies for monitoring shrubland habitats in Southern California*, Final Report, prepared for San Diego Gas and Electric, Electrical Power Research Institute, Technology Advisory Committee, 60 p.

- 1997 **Franklin, J.** and J. Duncan, Geometric-optical mixture modelling of bush canopies, pp. 125-135 in: Kabat, P., S.D. Prince and L. Prihodko (Eds.), *Hydrologic Atmospheric Pilot Experiment in the Sahel (HAPEX-Sahel): Methods, Measurements and Selected Results from the West Central Supersite*, Report 130, DLO Winand Staring Centre, Wageningen, The Netherlands.
- 1997 **Franklin, J.**, J. J. Swenson and D. Shaari, Map of existing vegetation and land cover for the Santa Monica Mountains National Recreation area; summary of map accuracy, Unpublished Technical Report to the SMMNRA, Department of Geography, San Diego State University.
- 1997 **Franklin, J.**, D.W. Steadman and D.R. Drake, *Effects of disturbance on biogeography of Tongan plants and birds: report of research activities*. Final Report, National Geographic Society Award 5132-93.
- 1996 **Franklin, J.**, *Forest Service Southern California Mapping Project: Final Report for the Four Southern Forests*, USFS Contract No. 53-91S8-3-TM45.
- 1991 Stow, D. and **J. Franklin**. *An Examination of the Utility of Satellite Imagery for Mapping Vegetation in San Diego County*. Final Report, San Diego Association of Governments.
- 1990 **Franklin, J.**, *Improved Methods of Monitoring Vegetation Structure and Change for Input to Landscape Scale Ecosystem Process Models*, Final Report NSF Award SES-89-08941, 4 p.
- 1990 Whitford, W.G., et al., *Desertification: Processes and Implications*. Jornada LTER II Progress Report, NSF Award DEB 92-40261, 1989-1990.
- 1989 Estes, J.E. and **J. Franklin**, *Species Conservation in the South Pacific Through Habitat Mapping Using Remote Sensing*, Final Report, California Space Institute, Award 3681-87.
- 1989 Simonett, D.S., **J. Franklin**, and D. W. Steadman, *Conservation of Polynesian Birds Through Habitat Mapping and Species Introduction*, Final Report, The National Geographic Society.
- 1988 **Franklin, J.**, *Improved Canopy Reflectance Modeling and Scene Inference Through Improved Understanding of Scene Pattern*, Final Report, NASA Training Grant NGT-05-010-804, 54 p.
- 1988 **Franklin, J.**, *Canopy Reflectance Modeling in a Tropical Wooded Grassland*, Report, NASA Award NAGW-788, 105 p.
- 1986 **Franklin, J.**, *Canopy Reflectance Modeling in a Tropical Wooded Grassland*, Final Report, year 1, NASA Award NAGW-788, 60 p.
- 1984 **Franklin, J.**, ed., *The Pilot Land Data System: Report of the program planning workshops*, NASA Technical Memorandum 86250, The Pilot Land Data System Working Group, NASA Office of Space Science and Applications, Washington, DC.
- 1983 Strahler, A.H., C.E. Woodcock, T.L. Logan, **J. Franklin**, H. Bowlin, and J. Levitan, *Automated Forest Classification and Inventory in the Eldorado National Forest*, USDA Forest Service, San Francisco, CA, 48 p.
- 1981 Strahler, A.H., **J. Franklin**, C.E. Woodcock, and T.L. Logan, *FOCIS: A Forest Classification and Inventory System Using Landsat and Digital Terrain Data*, Final Report, NASA Contract 9-15509, 60 p.
- 1981 Cosentino, M.J., C.E. Woodcock, and **J. Franklin**, *U.S. Forest Service Vegetative Fuels Research Final Report*, USDA Forest Service Grant 53-9158-06411, 20 p.
- 1980 Woodcock, C.E., **J. Franklin**, A.H. Strahler, and T.L. Logan, *Labeling Manually Delineated Timber Stands Using a Landsat-Based Stratification*, Final Report, USFS Contract 53-9158-0-6362.
- 1980 Franklin, J., A.H. Strahler, and C.E. Woodcock, *Land Use Planning Technologies Applied to Croplands and Rangelands*, Final Report, U.S. Congress Office of Technology Assessment Contract 03303780.0, 44 p.

**COURSES TAUGHT****UCR**

- BIO 111: Biology of Human Problems: Climate Change Biology (S21)
- BPSC 240: Seminar -- Fire Ecology (S20)
- BPSC 244: Species Distribution Modeling (S19; S20)
- BPSC 250: Botany and Plant Sciences Seminar Series (S19)
- BPSC 246: Landscape Ecology (W18)

**ASU**

- GPH 381: Geography of Natural Resources
- GPH 422/PLB 422/BIO 430/GPH 598: Plant Geography
- GCU 585/PUP 724: Geographic Research Design and Proposal Writing
- GPH 598/BIO 598: Biotic Distributions (Species Distribution Modeling)
- ELS 502: Environmental Life Sciences Grand Challenges: Global Change

**SDSU - Biology**

- Ecology and the Environment (co-taught)
- Landscape Ecology
- Plant Ecology
- Theory and Principles of Ecology (graduate course; co-taught)
- Seminar: Predicting Species Occurrences
- Seminar: Fire Ecology
- Seminar: Biogeography (co-taught)

**SDSU - Geography**

- Introduction to Physical Geography
- Conservation of Environmental Quality
- Environmental and Natural Resource Conservation
- Geography of Arid Lands
- Intermediate Remote Sensing of Environment
- Advanced Remote Sensing: Integration with GIS
- Seminar: Vegetation Remote Sensing
- Seminar: Biophysical Remote Sensing
- Seminar: Geographical Analysis of Biodiversity
- Seminar: Research Design
- Seminar: History of Geographical Thought

*Postgraduate and Professional Workshops and Short Courses Taught:*

- Summer Course in Computational Ecology: Modeling and Mapping Species Distributions, Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam (Co-instructor with E. van Loon and H. Regan) (June 21-14, 2011)
- Use of Geographical Information Systems and Remote Sensing in Environmental Planning for Environmental Professionals and Planners (June 1990, June 1991)

- Use of Geographic Information Systems and Digital Image Processing; a workshop for California State University Faculty (February and April 1990)

## POSTDOCTORAL RESEARCH SCHOLARS SUPERVISED

- 2021- Gregory Backus, University of California - Riverside  
 2021- Santiago Velazco, University of California - Riverside  
 2015-2018 G. Andrew Fricker, Arizona State University; University of California - Riverside  
 (Current Position: Assistant Professor, Cal Poly U., San Luis Obispo)  
 2016-2017 Nicholas Synes; Arizona State University  
 2015-2016 Julie Ripplinger, Arizona State University  
 2013-2015 José M. (Pep) Serra-Diaz; Arizona State University (Current Position: Assistant  
 Professor, AgroForestTech, Nancy, FR)  
 2007-2009 Alexandra D. Syphard; San Diego State University (Current Position: Chief Fire  
 Scientist, Sage Underwriters; Research Scientists, Conservation Biology Institute)

## STUDENTS SUPERVISED

### Doctoral Committees Chaired

#### *UC Riverside:*

- In progress Brooke Rose How do spatial range traits influence exposure to global change drivers for endemic plants in the California Floristic Province? (Ph.D., Botany and Plant Sciences). F2019-  
 In progress Mystyn Mills Zoochrous interactions in working landscapes: Seed movement & dispersal effectiveness in California oak savannas (Ph.D., Botany and Plant Sciences). F2017-

#### *Arizona State University:*

- Spring 2020 Riley Andrade Connecting People and Biodiversity: Multi-Scalar Interactions in Social-Ecological Systems (Ph.D, Geography; Co-Chair K. Larson) 2016-2020  
 Spring 2018 Richard Inman Improving Species Distribution Models with Bias Correction and Geographically Weighted Regression: Tests of Virtual Species and Past and Present Distribution in North American Deserts (Ph.D., Geography)  
 Fall 2015 Julie Ripplinger Testing resilience theory in cities: Spatiotemporal dynamics and resilience of urban plant communities (Ph.D., Biology; co-Chair S. Collins) 2010-2015

#### *San Diego State University:*

- 2005 Alexandra Syphard Long term impacts of frequent fire and urbanization on composition of native vegetation in the Santa Monica Mountains (Joint Doctoral Program, Geography, SDSU-UCSB). Entry Position: Senior Scientist; Conservation Biology Institute.  
 2005 John Rogan Monitoring alteration in regional forest structure using multitemporal remote sensing (Joint Doctoral Program, Geography, SDSU-UCSB). Current position: Professor of Geography, Clark University. Tenured 2009.

- 2003 Jennifer Miller Predictive vegetation modeling and the incorporation of spatial dependence (Joint Doctoral Program, Geography, SDSU-UCSB). *2004 Nystrom Award for Dissertation in Geography, Association of American Geographers*. Current position: Associate Professor, Geography, University of Texas at Austin. Tenured 2013.
- 2002 Peter Scull Predictive soil mapping in the Mojave Desert of California (Joint Doctoral Program, Geography, SDSU-UCSB). Current position: Geography, Colgate University. Tenured 2008.

### Graduate Committees, Member, UCR (Degree, Primary Adviser in parentheses)

- 2121- Suyeon Kim Qualifying exam committee; **Dissertation committee** (Ph.D., EEOB; Helen Regan)
- 2020-present Tamsen Dunn Guidance committee (Ph.D, Evolutionary Biology Joint Doctoral Program UCR-SDSU; E. Waters)
- 2020-present Clarissa Rodriguez *Understanding mechanisms of invasion dynamics and their associated impacts on native species in dryland plant communities*; Qualifying exam committee (5/20); **Dissertation committee** (Ph.D, Botany & Plant Sciences; L. Larios)
- 2020-2022 Guadalupe Maldonado Guidance committee (Ph.D, Botany & Plant Sciences; E. Ezcurra)
- 2019- present Stuart Schwab *Investigating how invasive plants prevent recovery*; Qualifying exam committee – Chair; **Dissertation committee** (Ph.D, Botany & Plant Sciences; L. Larios)
- 2019- present Julia Adams *Taxonomy, Systematics, and Lichen Symbiont Diversity of Acarospora socialis Across Environmental Gradients*; Qualifying exam committee, **Dissertation committee** (Ph.D., Botany & Plant Sciences; J. Stajich)
- 2019-present Ryan Conway *A trait-based predictive framework for community assembly in intermittent river networks*; Qualifying exam committee, **Dissertation committee** (Ph.D., EEOB, K. Anderson)
- 2018-present Ariana Firebaugh Guidance committee (Ph.D, EEOB; Louis Santiago)
- 2018- present Meg Kargul *Understanding how regeneration traits mediate post-fire establishment and recovery*; Guidance committee; Qualifying exam committee, **Dissertation committee** (Ph.D, Botany & Plant Sciences; L. Larios)
- 2018- present Tesa Madsen-McQueen Guidance committee; Qualifying exam committee; **Dissertation committee** (Ph.D, EEOB; Marko Spasojevic)
- 2018- present Erin McCann Guidance committee; Qualifying Exam Committee (Ph.D, Evol., Ecol. & Organismal Biol.; M. Spasojevic)
- 2017- present Yi Huang *Genetic variation and habitat differentiation in taxonomically difficult plants *Arctostaphylos glandulosa**; **Dissertation committee**; Qualifying exam committee (Ph.D, Botany & Plant Sciences; A. Litt)
- 2018- present Noah Teller *Understanding and Mitigating Management-Associated Impacts to Plant Communities in Natural Areas*; Qualifying exam committee; **Dissertation committee** (Ph.D, Botany & Plant Sciences; L. Larios)
- 2017-present Stephanie Piper *Urban Nitrogen Pollution: Distribution, Drivers, and Teleconnections*; Guidance committee; Qualifying exam committee – Chair; **Dissertation committee** (Ph.D, Botany & Plant Sciences; D. Jenerette)
- 2020 William Ota Qualifying exam committee (Ph.D., EEOB, K. Anderson)



|            |                   |   |
|------------|-------------------|---|
| 2019       | Matthew Green     | Qualifying exam committee (Ph.D., EEOB, K. Anderson)  |
| 2019       | Dion Kucera       | Qualifying exam committee (Ph.D, Botany & Plant Sciences; D. Jenerette)   |
| 2019       | Glen Morrison     | Qualifying exam committee (Ph.D, Botany & Plant Sciences; A. Litt)  |
| 2017       | Madison Sankovitz | Guidance committee (Ph.D, Entomology; J. Purcell)   |
| 2019-2021  | Denise Mitchell   | <i>The coordination of drought and heat tolerance of woody species across ecosystems</i> (Thesis committee; MS, Botany & Plant Sciences; L. Santiago)   |
| 2017- 2021 | Peter Ibsen       | <i>From Trees to Macrosystems: Urban Vegetation and Climate Interactions Across Spatial Scales</i> ; <b>Dissertation committee</b> (Ph.D, Botany & Plant Sciences; D. Jenerette)                                    |
| 2017- 2020 | Teresa Bohner     | <i>From species' interactions to distributions: Forest population, community and macroecology from inventory data and dendrochronology</i> ; <b>Dissertation committee</b> (Ph.D, Botany & Plant Sciences; J. Diez) |

### Masters Committees Chaired, ASU

|             |                |  |
|-------------|----------------|--|
| Spring 2014 | Jennifer James | Impact of climate change on plant communities in the Santa Monica Mountains, California (MA, Geographical Sciences) 2010-2014                                  |
| Fall 2013   | Yan-ting Liao  | Environmental gradient segmentation to delineate tree stands (MA, Geographical Sciences) 2011-2013   |
| Summer 2012 | Bray Beltrán   | Effects of climate change and urban development on the distribution and conservation of vegetation in a Mediterranean Type Ecosystem (M.S., Biology) 2009-2012 |

### Graduate Committees, Member, ASU (Degree, Primary Adviser in parentheses)

|      |                      |   |
|------|----------------------|---|
| 2019 | Grant Snitker        | Prehistoric human fire and landscape transformation in the Mediterranean Basin (Ph.D., Archaeology, M. Barton, SHESC) Joined committee S2014. Defended 1/4/19.                  |
| 2018 | John Rowan           | Paleobiogeography of African mammals (Ph.D., School of Human Evolution and Social Change; K. Reed). 2014- Joined committee S2015. Defended 8/24/18.                             |
| 2017 | Michael Fell         | Tree physiological traits affecting carbon gain, growth and mortality in the context of environmental change (Ph.D., Biology, Kiona Ogle, SoLS). Passed proposal defense F2012. |
| 2016 | Danika Setaro        | Warm and cool season plant species in soil seed banks of riparian plant communities in the desert Southwest (MS, Biology, J. Stromberg, SoLS). Joined committee F2012.          |
| 2016 | Riley Burnette       | Modeling waterbird biodiversity within an urban environment (MS., Applied Biological Sciences, H. Bateman, ASU Polytechnic) Joined committee F2014.                             |
| 2015 | Xiaoli Dong          | Landscape structure and the abundance and distribution of biogeochemical processing variables in ecosystems (Ph.D., Environmental Life Sciences, N. Grimm & C. Muneeppeerakul). |
| 2015 | Mimi (Aimee) Kessler | Asian Great Bustards: From Conservation to Sustainable Grassland Development (Ph.D., Biology, A. Smith, SoLS). 4/15/15.   |

|      |                 |  |
|------|-----------------|--|
| 2011 | Andrea Hazelton | Distributions of plant functional types on the Verde River relative to flood frequency and moisture availability (MS, Biology, J. Stromberg, SoLS) |
| 2011 | Ashley Robison  | Non-thesis MA in biocomputation (MA, N. Lanchier, Mathematics)   |

### **Doctoral Committees, Member, SDSU (11 total; Primary Adviser indicated)**

|      |                     |   |
|------|---------------------|---|
| 2012 | Francis Bozzolo     | Microbial mediation of ecosystem processes and plant community change in Coastal Sage Scrub (D. Lipson, Joint Doctoral Program in Ecology, SDSU-UC Davis)   |
| 2011 | Dawn Lawson         | Multi-Species Conservation in the Context of Global Change (H. M. Regan, Joint Doctoral Program in Ecology, SDSU-UC Davis)  |
| 2011 | Seth Peterson       | Fire Risk in California (Geography, UC-Santa Barbara; D. Roberts)   |
| 2010 | Yuki Hamada         | Characterizing conditions of California sage scrub communities in Mediterranean-type ecosystems using remote sensing (D. Stow, Geography, SDSU-UCSB)  |
| 2004 | Christine McMichael | Modeling the effects of fire on streamflow in a chaparral watershed (A. Hope, Geography, SDSU-UCSB)   |
| 2003 | Matthew Rahn        | Qualifying exam committee member (Joint Doctoral Program in Ecology, SDSU-UC Davis)   |
| 2001 | Michael L. Wells    | Human-altered fire regimes and the development of stand structure of <i>Macrocarpae</i> pines (J. O'Leary, Geography, SDSU-UCSB)  |
| 2000 | Ross Meentemeyer    | Modeling the distribution and abundance of chaparral species in the Santa Ynez Mountains, California (Geography; University North Carolina - Chapel Hill; A. Moody)   |
| 1997 | Stuart Phinn        | Remote sensing and spatial analysis of vegetation patch structure in disturbed and restored coastal environments (D. Stow, Geography, SDSU-UCSB). Entry position: Assist. Prof. Geography, Univ. Queensland (promoted to Professor 2007). |
| 1995 | Peter Stine         | Conservation of the coastal sage scrub community in the South Coast Ecoregion of California (Geography; UC Santa Barbara; F. Davis)   |
| 1992 | Sally Westmoreland  | Qualifying exam committee member.   |

### **Theses, External Reviewer (12 total; Primary Adviser indicated)**

|      |                  |  |
|------|------------------|--|
| 2012 | Jennifer Weaver  | Species Distribution Models and Invasive Species: An Analysis of the Issues of Scale, Sample Selection Bias, Model Transferability and Prediction, Ph.D. Thesis, University of Toronto (T. Conway; M-J Fortin) |
| 2012 | Lucinda Robinson | Potential impacts of climate change on the distribution of pelagic fish and fisheries off the east coast of Australia, Ph.D. Thesis, University of Queensland (H. Possingham)                                  |
| 2009 | Andrea White     | Modelling the impact of climate change on peatlands in the Bogong High Plains, Victoria, Ph.D. Thesis, University of Melbourne, Australia (Mark Burgman)   |
| 2008 | Michael Powell   | Predicting the geographical distributions of <i>Macadamia integrifolia</i> and <i>Macadamia ternifolia</i> , Ph.D. Thesis, University of the Sunshine Coast, Australia (Alison Shapcott)                       |

|      |                      |   |
|------|----------------------|---|
| 2008 | Kenneth Clarke       | Landscape scale measurement and monitoring of biodiversity in the Australian rangelands, Ph.D. Thesis, University of Adelaide, Australia (B. Ostendorf)   |
| 2008 | Janine Bolliger      | Assessing land characteristics in a changing environment, <u>Habilitation</u> , Swiss Federal Institute of Technology (ETH)   |
| 2004 | Z. Jones             | Land use and its impact on the Succulent Karoo, MSc Thesis, Department of Botany, University of Cape Town, South Africa (M. Rouget)   |
| 2003 | Arnon Accad          | Vegetation communities modelling using GIS-integrated statistical, ecological and data models: an application in the Wet Tropics of northeast Queensland, Australia, Ph.D. Thesis, University of Queensland (D. Neil)                       |
| 2003 | Kimberly P. van Niel | Geographical Issues in Predictive Vegetation Modelling: Error and Uncertainty in GIS Data, Methods and Models, Ph.D. Thesis, Australian National University (B. Lees)   |
| 2003 | Brendan Wintle       | Dealing with uncertainty in wildlife habitat models, Ph.D. Thesis, University of Melbourne, Australia (M. Burgman)  |
| 2003 | Janice S. Golding    | An ecological and conservation planning study of the plant biodiversity on natural and semi-natural remnants on the Cape Flats, South Africa, MSc Thesis, Department of Botany, University of Cape Town, South Africa (R Cowling)           |
| 2002 | Mathieu Rouget       | Modeling current and potential distributions of woody plants, with special emphasis on the importance of spatial scale and environmental factors, Ph.D. Thesis, Department of Botany, University of Cape Town, South Africa (D. Richardson) |

#### **Masters Committees Chaired, Biology, SDSU (2002-2009; 7 total)**

|             |                    |  |
|-------------|--------------------|--|
| Fall 2009   | Andrew Steyers     | Minimum data requirements for robust trends assessments  |
| Spring 2009 | Erin Bergman       | Pine regeneration in Cuyamaca Rancho State Park, San Diego County, five years after a high severity crown fire                                     |
| Spring 2009 | Elizabeth Santos   | Population trends and recruitment Patterns Of <i>Pinus torreyana</i> at the Torrey Pine State Reserve  |
| Summer 2007 | Katherine Newman   | Effects of species frequency in the field versus prevalence in the sample on models of habitat suitability for herpetofauna in southern California |
| Spring 2007 | John Crookston     | The combined effects of fragmentation and altered fire regime on <i>Ceanothus greggii</i> : A modeling approach (Co-Chair with H. Regan)           |
| Fall 2005   | Linnea Spears      | Tree mortality and forest recovery in Cuyamaca Rancho State Park, San Diego County, California following the 2003 Cedar Fire                       |
| Fall 2005   | Heather Schmalbach | Effects of post-fire regeneration in the chaparral community at Sky Oaks Field Station   |

#### **Masters Committees, Second Reader, Biology, SDSU (2002-2009; 6 total; Chair indicated)**

|           |                 |   |
|-----------|-----------------|---|
| Fall 2009 | Anna Mittelberg | Landscape genetics of the southern mule deer, <i>Odocoileus hemionus fuliginatus</i> in San Diego County (A. Bohonak) |
| Fall 2007 | Francy El Souki | Effect of nitrogen pollution and exotic grasses on the nitrogen transformation in soil (D. Lipson)                    |

|             |                   |   |
|-------------|-------------------|---|
| Spring 2007 | Layla Aerne       | The vegetative anatomy of the Haemodoraceae and its systematic significance (M. Simpson)  |
| Summer 2006 | Jennifer Selgrath | Linking American lobsters ( <i>Homarus americanus</i> ) and benthic habitat configuration in the coastal waters of New England (K. Hovel)   |
| Spring 2005 | Brendan Reed      | Effects of eelgrass ( <i>Zostera marina</i> ) habitat loss on epifaunal abundance and diversity: a test of the threshold hypothesis (K. Hovel)  |
| Fall 2004   | Leigh Klatsky     | Satellite-monitoring of movements and diving behavior of Bottlenose dolphins, <i>Tursiops truncatus</i> , in offshore waters of the northwest Atlantic Ocean near Bermuda (L. McClenehan) |

### **Masters Committees Chaired, Geography, SDSU (1989-2002; 16 total)**

|             |                   |   |
|-------------|-------------------|---|
| Fall 2002   | Charlotte Coulter | Compositional changes in southern California chaparral based on surveys conducted in the 1930s and in 2001 and 2002.  |
| Fall 2000   | Stacie Hathaway   | An exploratory analysis of the biogeographic distribution of herpetofauna in San Diego County using museum records and survey data  |
| Spring 1999 | Wendy Barto       | Predicting potential habitat for the Arroyo Toad ( <i>Bufo microscaphus californicus</i> ) in San Diego County using a habitat suitability model and digital terrain data                               |
| Spring 1999 | Ross Martin       | Modeling landscape scale fire disturbance and functional group response: a simulation of the fire adaptive behaviors found in the vegetation communities of the Laguna Mountains in Southern California |
| Spring 1999 | Dena Simons       | Predicting the effects of environmental variables upon potential site productivity of chaparral in the Descanso Ranger District   |
| Spring 1999 | Ken Yanow         | Estimating topographically distributed incoming solar radiation in the Ramona quadrangle using clear sky and real sky models  |
| Spring 1997 | Daniel Weir       | Changing of indigenous land and water use at a Sonoran Oasis  |
| Spring 1997 | David Shaari      | Predicting forest canopy diameter class using a canopy reflectance model and image semivariograms   |
| Spring 1997 | Ellen Hines       | A sensitivity analysis of a map of habitat quality for the California Spotted Owl ( <i>Strix occidentalis occidentalis</i> ) in Southern California   |
| Fall 1995   | Jennifer Swenson  | Habitat fragmentation on the Santa Monica Mountains: current status and future predictions  |
| Fall 1995   | Curtis Gray       | Predicting the location of riparian vegetation using Landsat TM and digital terrain data in the Cleveland National Forest   |
| Spring 1995 | Leslie Bolick     | Biological conservation and park development: Mount Talau, Vava'u, Kingdom of Tonga   |
| Spring 1995 | Andres Abeyta     | Assessing the utility of image segmentation in an arid environment  |
| Spring 1995 | Paul McCullough   | Predictive vegetation modeling of chaparral associations in the Cleveland National Forest   |
| Spring 1993 | Joseph Shandley   | Mapping vegetation stands using image segmentation in the Pine Creek Watershed  |
| Spring 1991 | Debra Turner      | Geometric-optical canopy reflectance modeling of semiarid shrub vegetation  |

### **Masters Committees, Second Reader, Geography, SDSU (13 total; Chair indicated)**

|             |                  |   |
|-------------|------------------|---|
| Fall 2003   | Dawn Service     | Detecting invasive vegetation in De Hoop, South Africa, with remotely sensed data (Hope)  |
| Spring 2003 | Martin Lowenfish | Using measures of bare soil pattern derived from remote sensing data to predict the health of a semi-arid rangeland (Stow)  |
| Fall 2002   | Katie Comer      | Sea turtle nesting habitat at Guantanamo Bay, Cuba (Tague)  |
| Spring 2002 | Laurie Williams  | Using presence only data to model suitable habitat for fisher ( <i>Martes pennanti</i> ) in Sequoia and Kings Canyon National Parks, California (O'Leary)                         |
| Summer 2001 | Bruce Nyden      | Multitemporal change analysis of a southern California saltmarsh using airborne digital imagery (Stow)  |
| Spring 2001 | Tim Fox          | Integrating fire behavior modeling and geographic information systems: an assessment of fire hazard classification in Sequoia and Kings Canyon National Parks, California (Tague) |
| Spring 1997 | Brian Bradshaw   | Integrating high resolution digital imagery and digital terrain data for mapping restored salt marsh habitat (Stow)   |
| Spring 1996 | Darren Smith     | Floristic composition and species diversity of Diegan alluvial sage scrub in San Diego County, California (O'Leary)   |
| Spring 1995 | Arman Eshraghi   | An evaluation of ADAR image based methods for estimating cover composition of major plant forms in restored riparian habitats (Stow)  |
| Fall 1994   | Suzanne Michel   | Raptors and rhetoric: how communicative actions shape golden eagle habitat in Ramona, California (Aitken)   |
| Spring 1994 | William Grainger | Examination of the perceived constraints to drought tolerant forms of landscaping (Aitken)  |
| Spring 1992 | Kim Glasgow      | Use of Gap Analysis for evaluating open space policies for preserving local biological diversity in the Otay Mesa area of San Diego County, California (Wright)                   |
| Spring 1991 | Jeff Duncan      | Estimating shrub cover in a semiarid ecosystem using spectral vegetation indices (Hope, Stow)   |

### **Masters Committees, Third Reader, SDSU (23 total; Chair indicated)**

|             |                 |  |
|-------------|-----------------|--|
| Spring 2009 | Adam Wagschal   | A spatial decision support system for the collaborative identification of conservation priorities (Geography, Jankowski)   |
| Fall 2007   | Caitlin Chason  | Vegetation type conversion in chaparral communities (Geography, Stow)  |
| Summer 2007 | Nell Blodgett   | Investigating the relationship between fire behavior, fuel age, and post-fire remnant vegetation in the southern California chaparral and coastal sage scrub environment (Geography, Stow) |
| Spring 2005 | Yuki Hamada     | Detecting invasive plant species in riparian habitat of southern California using hyperspectral imagery (Geography, Stow)  |
| Spring 2005 | Jenny Williams  | The effects of environment and forest fragmentation on overwintering Monarch butterflies in central Mexico (Geography, Stow)   |
| Spring 2004 | Robert Lauri    | Floristics of Palomar Mountain (Biology, Simpson)  |
| Fall 2003   | Elena Tarnavsky | Spatial and radiometric fidelity of high resolution airborne multispectral imagery in the context of land cover change analyses (Geography, Stow)  |
| Fall 2003   | Anna Lieberman  | Mapping fire effects in southern California Mediterranean vegetation using remote sensing data (Geography, Stow)   |

|             |                    |   |
|-------------|--------------------|---|
| Fall 2002   | Michael C. Lowder  | The evolution of morphological diversity in the <i>Chabronattus amicus</i> species complex (Araneae: Salticidae) (Biology, Hedin)   |
| Spring 2002 | Kimberly Ferree    | Relationships between nest site selection and nest success of three neotropical migrants: Arizona Bell's Vireo ( <i>Vireo bellii arizonae</i> ), Yellow-Breasted chat ( <i>Icteria virens</i> ), and Yellow Warbler ( <i>Dendroica petechi</i> ) in a desert riparian ecosystem (Biology: Diffendorfer) |
| Spring 2000 | Adam Leache        | Phylogenetic relationships within the <i>Sceloporus undulatus</i> species group (Squamata: Phrynosomatidae) as inferred from mitochondrial DNA sequence data (Biology: Reeder)  |
| Spring 1996 | Ruben Murcia       | Effects of habitat fragmentation on vertebrate richness in Southern California grasslands (Biology: Cox)  |
| Spring 1996 | Carol Cubbage      | Development of the skull in the zebrafish, <i>Brachydanio rerio</i> : intraspecific and interspecific comparisons (Biology: Mabee)  |
| Fall 1995   | Douglas Krofta     | Stand structure and composition of mixed conifer-hardwood forest in Cuyamaca Rancho State Park, San Diego County, California (Biology: P. Zedler)   |
| Spring 1995 | Brad Hollingsworth | The phylogeny, taxonomy, and biogeography of the lizard genus <i>Sauromalus</i> (Iguanidae) (Biology: Etheridge)  |
| August 1994 | Tom Zink           | The effect of recalcitrant organic amendments on anthropogenically disturbed Coastal Sage Scrub and semi-arid plant communities of Southern California (Biology: Allen)   |
| August 1994 | John Tiszler       | Changes in nitrogen mineralization and nitrification associated with the ingress of mesquite and creosotebush into black grama grassland (Biology: Reynolds)  |
| Spring 1993 | Leslie Hickson     | The effect of vesicular-arbuscular mycorrhizae on morphology, light harvesting, and photosynthesis of <i>Artemisia tridentata</i> ssp. <i>tridentata</i> (Biology: Allen)   |
| Spring 1993 | NaDene Sorensen    | Arid land revegetation: effects of tree shelters and irrigation on establishment of three shrubs with emphasis on the physiological ecology of <i>Larrea divaricata</i> (Biology: Virginia)   |
| Spring 1992 | Scott Snover       | The effect of introduced vegetation on the native Globose Dune Beetle, Tijuana Estuary (Biology: K. Williams)   |
| Fall 1990   | John Lovenburg     | Hydrogeology of Mammoth Meadows groundwater basin, Mammoth Lakes, California (Geology)  |
| Spring 1990 | Craig Bachman      | Nature and Man (M.F.A., Art)  |

### Undergraduate Honors Theses

|             |               |   |
|-------------|---------------|---|
| Spring 2017 | Paige Smith   | Tracking <i>Batrachochytrium dendrobatidis</i> in the San Pedro Valley. Barrett Honors College, ASU, Second reader (J. Collins, Director)   |
| Fall 2012   | Colleen Sauer | Embers of the Past: Modeling potential prehistoric access to trees as fuel in the Cape Floral Region of South Africa. (C. Marean, Director) |

### Undergraduate Independent Studies (since 2006)

|             |  |
|-------------|--|
| Spring 2016 | Alexandra Votaw, ASU (data entry, tropical dry forest diversity)                     |
| Summer 2013 | Roxcelli Ortega, ASU (field data collection, urban plant ecology with J. Ripplinger) |
| Spring 2008 | Amanda Everett, SDSU (plant species attribute database, plant field data collection) |

- Spring 2007 Erin Bergman, SDSU, University of Portland (curating plant specimens)  
 Spring 2006 Laura Gruber, SDSU (Species endangerment and threats, San Diego Multiple Species Conservation Plan, database)  
 Summer 2006 Kathryn Valenti, SDSU (Species endangerment and threats, San Diego MSCP, and covered species monitoring, Torrey Pine)  
 Summer 2006 Michelle Stinson, SDSU (curating plant specimens)

### International Visitors Hosted

- Winter 2015 Dr. Feliz Herzog, sabbatical visiting scholar, Agroscope, Institute of Sustainability Sciences, Zurich, Switzerland  
 Spring 2011 Jose M. Serra-Diaz, visiting predoctoral student, Universitat Autònoma de Barcelona, Barcelona, Spain (Professor Miquel Ninyerola, adviser)  
 Fall 2005 Iván Torres, visiting predoctoral student, Universidad de Castilla-La Mancha, Campus Tecnológico de la Fábrica de Armas, Toledo, Spain (Professor Jose Moreno, adviser)  
 1999-2000 Alexandra Hofmann, University of Dresden, postgraduate foreign exchange student, Council of International Educational Exchange scholar. Co-supervised (with D. Stow).

### OTHER PROFESSIONAL GROWTH ACTIVITIES

#### Research Working Groups

- 2019-2021 Invited member, *Workshop on ecological impacts of solar radiation management geoengineering*, National Science Foundation (J. Gurevitch and P. Zarnaske, PIs)  
 2018 Invited Participant, *Interdisciplinary Workshop on Anthropocene Woodlands*, The Anthropocene Project (<http://anthropocene.au.dk/>), Prof. J-C Svenning, Director BIOCHANGE Center, Aarhus University, Denmark, 11-13 Jun.  
 2015-2016 Invited Member, Working Group, *Translating Neotropical vegetation proxies into reliable paleo-climatic parameters*, (M. Bush, R. van Woesik, conveners), National Institute for Mathematics and Biological Synthesis (NIMBioS), U. Tennessee, Knoxville.  
 2014 Invited Delegate, *Paleosciapes-II Workshop*, Nelson Mandela Metropolitan University, George, South Africa, 7-10 July.  
 2013-2015 Invited Member, Working Group, *Biotic Interactions Affect Species Distributions*, NIMBioS, U. Tennessee, Knoxville. ([http://www.nimbios.org/workinggroups/WG\\_biotic\\_interactions](http://www.nimbios.org/workinggroups/WG_biotic_interactions) ).  
 2012 Invited Delegate, *Workshop on Integrated Paleoscape Modeling for the early Middle and Late Pleistocene of the South Coast of South Africa*. Stellenbosch Institute for Advanced Study, University of Stellenbosch, South Africa, 10-15 Jun  
 2009-2011 Invited Participant, Working Group: *Global Climate Change and Adaptation of Conservation Priorities*, Organizers: Lee Hannah (Conservation International) and Rebecca Shaw (The Nature Conservancy), National Center for Ecological Analysis and Synthesis, UC Santa Barbara, (Nov 2009; Aug 2010; May 2011).  
 2003 Invited member, Working Group *Setting Priorities and Making Decisions for Conservation Risk Management*, Mark Burgman (Univ. Melbourne), National Center for Ecological Analysis and Synthesis, UCSB, 5-12 Jun, Santa Barbara, CA.  
 2003 Invited Participant, Tenth Carey Conference, *Ecosystem Function in Heterogeneous Landscapes*, Institute for Ecosystem Studies, Apr 29 – May 1, Millbrook, New York.

**Talks Given at Professional Meetings** (presented by first author unless otherwise noted;  
students; postdoctoral associates)

- 2022 **Franklin, J.**, Regan, H.M., Syphard, A.D., Does Geography or Species Traits Play a Bigger Role in the Vulnerability of MTE Plants to Global Change? *Invited Plenary*, MEDECOS (Mediterranean Ecosystems), South Africa, TBD
- 2022 **Franklin, J.**, A modelling framework for interdisciplinary paleoscience as exemplified by the Palaeo-Agulhas Plain research project *Symposium: The Palaeo-Agulhas Plain Revises our Understanding of the Cape Floristic Region*, MEDECOS (Mediterranean Ecosystems), South Africa, TBD
- 2022 Rodriguez, C., **Franklin, J.**, Larios, L., *Brassica tournefortii*, an invasive plant species, tolerates more stressful climates in its invaded than in its native range, Society for Advancing Chicanos/Hispanics and Native Americans in Science (SACNAC) National Diversity in STEM Conference, 22-29 Oct, San Juan Puerto Rico
- 2021 Phoebe L Zarnetske, Jessica Gurevitch, **Janet Franklin**, Alan Robock, Jessica Hellmann, *Lili Xia*, *Shan Kothari*, *Daniele Visionsi*, Cheryl S Harrison, Cheng-En Yang, Jin Wu, Peter M Groffman, Simone Tilmes, Forrest M. Hoffman, Brendan Clark, Jonathan Knott and Kim Scherrer, Climate Intervention, Mitigation, Adaptation, and Restoration Solutions: Interdisciplinary Development and Evaluation of Safety and Efficacy. American Geophysical Union Fall Meeting, New Orleans, LA, 13-17 Dec. <https://agu.confex.com/agu/fm21/prelim.cgi/Paper/906205>
- 2021 *Lili Xia*, Alan Robock, Simone Tilmes, *Daniele Visionsi*, Ben Kravitz, Jin Wu, *Shan Kothari*, Jon Knott, Cheng-En Yang, Forrest M. Hoffman, Phoebe Zarnetske, **Janet Franklin**, Jessica Gurevitch, Brendan Clark and Jyoti Singh, Natural Vegetation Responses in Geoengineering Model Intercomparison Project (GeoMIP) G6 Experiments. American Geophysical Union Fall Meeting, New Orleans, LA, 13-17 Dec.
- 2021 Ocon, J., Ibanez, T., **Franklin, J.**, Pau, S., Keppel, G, Rivas-Torres, G., Shin, M. E., Gillespie, T.W., A global analysis of tropical dry forest extent and cover based on climatic definitions. American Geophysical Union Fall Meeting, New Orleans, LA, 13-17 Dec. <https://agu.confex.com/agu/fm21/prelim.cgi/Paper/804769>
- 2021 Rodriguez, C., **Franklin, J.**, Larios, L., Assessing the role of climatic niche shifts in facilitating the spread of *Brassica tournefortii* (Sahara mustard), Society for Advancing Chicanos/Hispanics and Native Americans in Science (SACNAC) Conference (virtual), 25-29 Oct.
- 2021 *Xia, L.*, Robock, A., Tilmes, S., *Visioni, D.*, Kravitz, B., Wu, J., *Kothari, S.*, Knott, J., Yang, C-E, Hoffman, F, Zarnetske, P., **Franklin, J.**, Gurevitch, J., Clark, B., and Singh J. Natural Vegetation Responses in Geoengineering Model Intercomparison Project (GeoMIP) G6 Experiments, CEC21 Climate Engineering in Context 2021 Conference (virtual), 4-8 Oct.
- 2021 Hellmann, J., **Franklin, J.**, Gurevitch, J., Harrison, C., Knott, J., Robock, A., *Visioni, D.*, Tilmes, S., *Xia, L.*, Zarnetske, P. Beyond impact: Ecology helping to guide scenarios of climate intervention, Ecological Society of America Annual Meeting (virtual), 2-6 Aug.
- 2021 Huang, Yi, Brooke Rose, Santiago Velazco, **Janet Franklin**, Glen Morrison, Tom Parker, Jon Keeley, Amy Litt. Preliminary investigation on the niche overlap among *Arctostaphylos* species



- in the California Floristic Province (Oral Presentation in Botany 2021 Virtual Conference), 18-23 Jul.
- 2021 **Franklin, J.**, Regan, H.M., Syphard, A.D., The roles of spatial factors and species traits in determining the vulnerability of plant species to global change, International Association of Landscape Ecology – North America 2021 Annual Meeting, Reno, NV (virtual); 12-16 Apr.
- 2021 Rose, B., **Franklin, J.**, Regan, H.M., How do spatial range traits influence exposure to global change drivers for endemic plants in the California Floristic Province?, International Association of Landscape Ecology – North America 2021 Annual Meeting, Reno, NV (virtual); 12-16 Apr.
- 2020 Madsen-McQueen, T. **Franklin, J.**, Spasojevik, M., Tracing the fingerprint of climate change: 40 years of vegetation response across a dryland elevation gradient, Ecological Society of America Annual Meeting (virtual), 2-7 Aug.
- 2020 Gurevitch, Jessica, Phoebe Zarnetske, **Janet Franklin**, Peter M. Groffman, Cheryl Harrison, Jessica Hellmann Forrest M. Hoffman, Alan Robock, Simone Tilmes, Jin Wu, *Lili Xia* and Chang-En Yang, Potential ecological impacts of climate intervention by solar radiation modification, Ecological Society of America Annual Meeting (virtual). 2-7 Aug.
- 2020 Ocon, J., Gillespie, T.W., Ibanez, T., Keppel, G, Pau, S., **Franklin, J.**, Rivas-Torres, G., Shin, M. A global analysis of tropical dry forest extent and cover based on climatic definitions, Ecological Society of America Annual Meeting (virtual), 2-7 Aug.
- 2020 Andrade, R., K. Larson, **J. Franklin**, S. B. Lerman, Linking attitudes toward birds to bird community composition, International Association of Landscape Ecology – North America, Toronto, CA (virtual), 10-14 May.
- 2020 Marean, C.W., Cowling, R.M., Franklin, J., A Paleoecological Model for the Palaeo-Agulhas Plain, a Crucial Ecosystem for Early Modern Humans on the south coast of South Africa, Paleoanthropology Society Meeting, Los Angeles, CA (virtual), 14-15 Apr.
- 2019 **Franklin, J.**, Geospatial data for forecasting global change impacts on ecosystems, **Invited Plenary Talk**, GeoComputation 2019. Queenstown, New Zealand, 18-21 Sep.
- 2019 Andrade, R., K. Larson, **J. Franklin** and S. B. Lerman, Understanding the mechanisms driving householder evaluations of an urban bird community, Ecological Society of America Annual Meeting, Louisville, KY. 11-16 Aug.
- 2019 Serra-Diaz, J.M., Yu, L., Maxwell, C., Scheller, R., Thompson, J., **Franklin, J.**, Do we need disturbances to project species distributions? Insights from Temperate and Mediterranean forests. International Association of Landscape Ecology World Congress, Milan, Italy, 1-5 Jul.
- 2019 Rowan, J., **Franklin, J.**, et al. Phylogenetic and functional trait structure of tropical mammal assemblages is shaped by late Quaternary climate change and human impacts, *Evolution* 2019, Providence RI, 21-15 Jun.
- 2019 Marean, C.W., Cowling, R.M., **Franklin, J.**, A model of the extinct Palaeo-Agulhas Plain ecosystem in southernmost Africa, Society for American Archaeology Meeting, Albuquerque, NM, 10-14 April 2019.

- 2019 Marean, C.W., Cowling, R.M., **Franklin, J.**, A general model of the Palaeo-Agulhas Plain, South African Society for Quaternary Research biannual meeting, Mossel Bay, ZA Jan 28 – Feb 1 2019.
- 2019 Andrade, R., K. Larson, **J. Franklin** and Swan, C. Land management and household characteristics mediate the effect of environmental and spatial processes on species assemblages in residential landscapes, CAP LTER Annual Symposium and All Scientists Meeting, Tempe, AZ, 11 Jan.
- 2018 *Fricker, G.A.*, **Franklin, J.**, North, M., Davis, F.W., *Synes, N.*, Wolf, J.A., Deep Images require Deep Learning: A Pixel-Based Convolutional Neural Network Classifier Can Accurately Identify Tree Species Using Imaging Spectroscopy. Poster Presentation. American Geophysical Union, Fall Meeting, Washington D.C. (12 December)
- 2018 Davis, F. W., *Fricker, G. A.*, *Synes, N.*, **Franklin, J.**, Serra-Diaz, J. and North, M., NEON LIDAR data for cross-scale analysis of forest-climate relationships. Symposium: Innovative Continental-scale Ecological Research Enabled by NEON (National Ecological Observatory Network), Ecological Society of America Annual Meeting, New Orleans (5-10 Aug)
- 2018 **Franklin, J.**, Vegetation Science Answers Big Questions When We Work Together, **Invited Plenary Talk**, Annual Symposium of the International Association of Vegetation Science, Bozeman, MT, 23-27 Jul 2018.
- 2018 **Franklin, J.**, Vegetation patterns and dynamics in the Anthropocene, **Invited**, Anthropocene Woodlands Workshop, AURA, Aarhus University, Aarhus DK, 11-14 Jun 2018.
- 2018 Hofer, G., **Franklin, J.**, Herzog, F., Farmland Biodiversity Monitoring Practice in Europe and North America, 5th European Congress on Conservation Biology, Jyväskylä, Finland 12-15 Jun. DOI: 10.17011/conference/eccb2018/107600
- 2018 **Franklin J.**, Vulnerability of chaparral plant functions types to multiple stressors: climate, fire, and land use change, **Invited**, 3rd Chaparral Workshop, USDA Forest Service, Arcadia CA, 14-16 May.
- 2018 **Franklin J.**, Steadman, D.W., Ice age songbirds in The Bahamas, 7<sup>th</sup> International Conference on Environmental Future: Humans and island environments, Honolulu, Hawai'i, 16 – 20 April 2018
- 2018 Franklin Rey, S., **Franklin, J.**, Rey, S. J., Plastic pollution on island beaches – a teachable moment, 7<sup>th</sup> International Conference on Environmental Future: Humans and island environments, Honolulu, HI, 16 – 20 April 2018
- 2018 Steadman, D.W., *Oswald, J.A.*, Takano, O.M., **Franklin J.**, Three extirpated Ice-Age birds in The Bahamas, American Ornithology 2018, Tucson AZ, 9 – 14 Apr 2018
- 2018 *Fricker, G. A.*, Wolf, J., *Synes, N.*, Davis, F. W., North, M. and **Franklin, J.**, Using a Convolutional Neural Network classifier and high-resolution remote sensing to identify individual tree species in a mixed conifer forest in the Southern Sierra Nevada Mountains, California, American Association of Geographers Annual Meeting, New Orleans, LA, 10-14 Apr

- 2017 *Fricker, G.A. and Franklin, J.*, Predicting forest structure over an elevational gradient in the Southern Sierra Nevada Mountains using high resolution airborne remote sensing. Plant Adaptations to a Changing Climate. 15th Annual Center for Plant Cell Biology (CEPCEB) Fall Symposium, University of California, Riverside, CA (8 Dec)
- 2017 Davis, F. W., *Synes, N., Fricker, G. A., Serra-Diaz, J. M.*, McCullough and **Franklin, J.**, Seasonally dynamic in influence of canopy and topography on surface temperatures in the Sierra Nevada, California. Ecological Society of America Annual Meeting, Portland, OR, 6-11 Aug
- 2017 *Synes, N., Fricker, G. A., Serra-Diaz, J. M.*, Davis, F. W. and **Franklin, J.** Seasonal variability in the influence of canopy and topography on microclimate temperature, International Association for Landscape Ecology-US Chapter, Baltimore, MD, 9-13 Apr
- 2017 *Fricker, G. A., Synes, N., Serra-Diaz, J. M.*, Davis, F. W. and **Franklin, J.** Predicting forest structure over an elevational gradient in the Southern Sierra Nevada Mountains using high resolution airborne remote sensing, International Association for Landscape Ecology-US Chapter, Baltimore, MD, 9-13 Apr
- 2017 Andrade, R., **Franklin J.** and H. L. Bateman, and Predicting waterbird diversity hotspots in an urban landscape, International Association for Landscape Ecology-US Chapter, Baltimore, MD, 9-13 Apr
- 2017 Andrade, R., K. Larson, and **J. Franklin**. Social-spatial analyses of environmental attitudes in Phoenix, Arizona, CAP LTER Annual Symposium and All Scientists Meeting, Tempe, AZ, 13 Jan.
- 2017 **Franklin, J.**, Steadman, Natural vs. Human-caused Faunal Change in the West Indies since the late Pleistocene, International Biogeographical Society, Tucson, AZ, 9-12 Jan.
- 2016 Hulshof De La Peña, C. and **Franklin, J.**, Co-organizers, Organized Oral Session, “Seasonally dry tropical forests in the Anthropocene: Emerging trends from the Americas and the Caribbean,” Ecological Society of America Annual Meeting, Ft. Lauderdale, FL, 8-12 Aug
- 2016 McCullough, I.M., Davis, F.W., *Dingman, J.*, Flint, L.E., Flint, A.L., *Serra-Diaz, J. M.*, Syphard, A.D., Moritz, M.A., Hannah, L., **Franklin, J.**, High and dry: high elevations disproportionately exposed to regional climate change in Mediterranean-climate landscapes, Ecological Society of America Annual Meeting, Ft. Lauderdale, FL, 8-12 Aug
- 2016 Herzog, F., **Franklin, J.**, A review of farmland biodiversity monitoring in North America and Europe, EcoSummit 2016, Montpellier, FR, 29 Aug-1 Sep
- 2016 Banda-R., K., Weintritt, J., Dexter, K. Prado, D., **Franklin, J.**, Pennington, R.T, Tree inventory as a valuable tool for IUCN Red List assessments, Association for Tropical Biology and Conservation annual meeting, Montpellier, FR, 21-25 Jun
- 2016 **Franklin, J.**, *Serra-Diaz, J. M.*, Davis, F.W., *Sweet, L.*, McCullough, I., Syphard, A.D., California’s Forests Navigate Complex Terrain in a Changing Climate, American Association for the Advancement of Science (AAAS) Pacific Division Annual Meeting, San Diego, CA, 14-17 Jun

- 2016 Steadman, D.W., **Franklin, J.**, Mead, J.I., *Soto-Centano, J.A.*, Albury, N.A., Natural vs. Human-caused Extinctions of Terrestrial Vertebrates in the Bahamas, Society for American Archaeology Meeting, San Orlando, FL, 6-10 Apr
- 2016 Inman, R., Esque, T., Edwards, T., Nussear, K., Fotheringham, S., **Franklin, J.**, A tale of two tortoises and tiny local t-values, International Association for Landscape Ecology-US Chapter, Asheville, NC, 3-7 Apr
- 2016 Steadman, D.W., Albury, N.A., **Franklin, J.**, Extirpation and survival of Abaconian birds before and after human arrival. Bahamas Natural History Conference, Nassau, Bahamas, 14-17 Mar
- 2016 Steadman, D.W., Albury, N.A., **Franklin, J.**, Extirpation and survival of Abaconian birds before and after human arrival. Abaco Science Alliance Conference, Abaco, Bahamas, 6-9 Jan
- 2015 Rowan, J., **Franklin, J.**, Reed, K.E., Late Pleistocene biogeography and climatic niche evolution in plains zebra *Equus quagga* and blue wildebeest *Connochaetes taurinus*, Society of Vertebrate Paleontology Annual Meeting, Dallas TX, 14-17 Oct
- 2015 Godsoe, W., Adler, F., Araujo, M., *Blanchet, G.*, Bode, M., Buckley, L., Cosner, G.C., **Franklin, J.**, Holland, N.J., Jager, H., Jankowski, J., Kendall, B.E., King, A.W., Oskainen, O., Snyder, R.E., Holt, R.D., Gravel, D., Coexistence theory provides the key to integrating species interactions into predictions of species' range limits, Ecological Society of America Annual Meeting, Baltimore, MD, 9-14 Aug
- 2015 Franklin, S.B., Faber-Langendoen, D., Peet, R.K., Keeler-Wolf, T., Roberts, D.W., Muldavin, E., **Franklin, J.**, The US National Vegetation Classification (UNVC) proposal review process, Ecological Society of America Annual Meeting, Baltimore, MD, 9-14 Aug (Poster)
- 2015 *Serra-Diaz, J.M.*, *Sweet, L.*, McCullough, L., **Franklin, J.**, Davis, F.W. (and 12 other authors) Projected seedling survival pulses in California forests: migration versus potential for local persistence, Ecological Society of America Annual Meeting, Baltimore, MD, 9-14 Aug
- 2015 **Franklin, J.**, *Serra-Diaz, J.M.*, Syphard, A., Regan, H.M., Linking Big Data Across Scales to Forecast Plant Community Dynamics, **Invited**, Symposium: *Plant ecology in the age of big data and informatics*, Ecological Society of America Annual Meeting, Baltimore, MD, 9-14 Aug
- 2015 Steadman, D.W., **Franklin, J.**, Changes in the Bahamas bird community since the last Ice Age, American Ornithologists' Union and Cooper Ornithological Society, Lincoln, NE, 28 Jul-2 Aug
- 2015 Syphard, A.D., *Serra Diaz, J.M.*, Regan, H.H., **Franklin, J.**, Davis, F.W., The role of microenvironments, competition, and disturbance in mediating species' response to climate change across dynamic landscapes, International Association for Landscape Ecology World Congress, Portland OR, 5-10 Jul
- 2015 Herzog, F., **Franklin, J.**, Biodiversity monitoring in agricultural landscapes: why – what – where- when? International Association for Landscape Ecology World Congress, Portland OR, 5-10 Jul
- 2015 **Franklin, J.**, Steadman, D.W., *Soto-Centano, J.A.*, *Hastings, A.K.*, Faunal and Landscape Change in the Bahamas since the late Pleistocene, Association of American Geographers Annual

Meeting, Chicago, IL, 21-25 Apr

- 2015 Potts, A.J., Marean, C.W., Anderson, R.J., Bar-Matthews, M., *Braun, K.*, Cawthra, H.C., Cowling, R.M., Engelbrecht, F., Esler, K.J., Fisher, E., **Franklin, J.**, Hill, K., Janssen, M., Shook, E., Zahn, R., A New Research Strategy for Integrating Studies of Paleoclimate, Paleoenvironment, and Paleoanthropology, Society for American Archaeology Meeting, San Francisco, CA, 16-18 Apr
- 2015 Engelbrecht, F., Nkoana, R., Cowling, R.M., Fisher, E., **Franklin, J.**, Marean, C.W., O’Neal, D., Potts, A.J., Shook, E., Detailed dynamic modelling of glacial climate over the Cape south coast of South Africa, Paleoanthropology Society Meeting, San Francisco, CA, 14-15 Apr (given by RN)
- 2015 Syphard, A.D., Regan, H.H., **Franklin, J.**, Plant species persistence under climate change in the context of multiple threats, California Native Plant Society, San Jose, CA, 13-17 Jan
- 2014 *Conlisk, E.*, Syphard, A.D., **Franklin, J.**, Regan, H.H., Predicting the impact of fire on a vulnerable multi-species community with a dynamic vegetation model. Ecological Society of America Annual Meeting, Sacramento, CA, 10-15 Aug
- 2014 **Franklin, J.**, Envisioning the future: uses of vegetation mapping as a tool for spatially explicit habitat modeling and conservation planning. *Organized Oral Session: Mapping with the US National Vegetation Classification*. Ecological Society of America Annual Meeting, Sacramento, CA, 10-15 Aug
- 2014 *Serra-Diaz, J.M.*, **J. Franklin**, F. W. Davis, Syphard, A. D., Regan, H. M., L. Sweet, I. McCullough, J. Dingman, A. L. Flint, L. E. Flint, A. Hal, L. Hannah, M. Moritz, K. Redmond, M. North. micro2Macro – connecting microenvironments to macroecology- California forests under climate change (poster.) Workshop HETEROCLIM: The Response of Organisms to Climate Change in Heterogeneous Environments, Loches, France, 12-14 Jun
- 2014 *Sweet, L. C.*, F. W. Davis, J. Franklin and I. McCullough, Predicting tree species recruitment mountainous environments; scaling up from the plot to the landscape. *Special Symposium: Impacts of global change – linking across scales*. Annual Symposium, International Association for Landscape Ecology-US Chapter, Anchorage, AK, 18-22 May
- 2014 *Serra-Diaz, P.*, **Franklin, J.**, Syphard, A. D., Regan, H. M., Scheller, R. Microenvironment controls on landscapes: a finer look to global change. *Special Symposium: Impacts of global change – linking across scales*. Annual Symposium, International Association for Landscape Ecology-US Chapter, Anchorage, AK, 18-22 May
- 2014 *Serra-Diaz, P.*, **Franklin, J.**, Ninyerola, M., Davis, F. W., Syphard, A. D., Regan, H. M. and *Ikegami, M.* The pace of species exposure to climate change. Annual Symposium, International Association for Landscape Ecology-US Chapter, Anchorage, AK, 18-22 May
- 2014 Steadman, D.W, N.A. Albury, P. Maillis, J.I. Mead, J.E. Slapcinsky, K.L. Krysko, H.M. Singleton and **J. Franklin**, The Gilpin Point Site: Faunal and Landscape Change on Abaco 900 Years Ago. Abaco Science Alliance Conference, Marsh Harbour, The Bahamas, Jan 17-19.
- 2014 Ripplinger, J., **J. Franklin** and D.W. Steadman, Birds That Lived on the Little Bahama Bank During the Last Ice Age. Abaco Science Alliance Conference, Marsh Harbour, The Bahamas, Jan

17-19.

- 2013 Rueda-Cediel, P., K.E. Anderson, T.J. Regan, **J. Franklin**, H.M. Regan. How does the quality and quantity of time series data affect extinction risk and population decline estimates in population viability analysis? (poster) 98<sup>th</sup> Annual Meeting for the Ecological Society of America, Minneapolis, MN, USA. August 4-9, 2013.
- 2013 **Franklin, J.** and D. W. Steadman, Changing forest cover in the northern Bahamas affects the availability of habitat for migratory landbirds, Annual Symposium, International Association for Landscape Ecology-US Chapter, Austin TX, 14-18 Apr <http://www.usiale.org/austin2013/>
- 2013 Ripplinger, J. and **Franklin, J.**, Modeling human-vegetation feedbacks across scales in arid urban landscapes, Annual Symposium, International Association for Landscape Ecology-US Chapter, Austin TX, 14-18 Apr <http://www.usiale.org/austin2013/>
- 2012 Ripplinger, J. and **J. Franklin**, Boom-bust episodes alter plant species diversity patterns in arid urban landscapes (poster), LTER (Long Term Ecological Research) All Scientists Meeting, Estes Park, Colorado, CA, 10-13 Sep. <http://asm2012.lternet.edu/>
- 2012 *Bonebrake, T. C.*, Syphard, A. D., Regan, H. M., **Franklin, J.**, Anderson, K. A., Land conservation and reintroduction strategies alleviate urbanization and climate change impacts on a rare shrub species, Ecological Society of America Annual Meeting, Portland, OR, 5-10 Aug.
- 2012 *Conlisk, E.*, A.D. Syphard, **J. Franklin**, L. Flint, A. Flint, and H.M. Regan. A sensitivity analysis of spatially dynamic population models of global change. 97<sup>th</sup> Annual Meeting for the Ecological Society of America, Portland, OR, USA. August 5-10, 2012.
- 2012 Beltrán, B. J., **J. Franklin**, A. D Syphard and H. M. Regan, Effects of Climate Change and Urban Development on the Distribution and Protection of Plant Functional Types in a Mediterranean-type Ecosystem, Annual Symposium, International Association for Landscape Ecology-US Chapter, Newport RI, 8-12 Apr.
- 2012 Ripplinger, J. and **J. Franklin**, Plant species diversity in arid urban landscapes responds to land use, landscape aesthetics, and socioeconomic shock, Annual Symposium, International Association for Landscape Ecology-US Chapter, Newport RI, 8-12 Apr.
- 2012 **Franklin, J.**, F. W. Davis, *L. C. Sweet*, A. Shepard and S. McKnight, Do topographically-mediated microenvironments govern regional plant distributions?, *NASA-MSU Symposium: Environmental sensors and loggers: New approaches to characterizing heterogeneity and applications in landscape ecology* (T. Albright, Organizer), Annual Symposium, International Association for Landscape Ecology-US Chapter, Newport RI, 8-12 Apr.
- 2012 Beltrán, B. J., **J. Franklin**, A. D Syphard and H. M. Regan, Can conservation planning areas help endemic plants in California's southwest Ecoregion under climate change?, California Native Plant Society 2012 Conservation Conference, San Diego, CA, 10-14 Jan.
- 2012 Bozzolo, F., D. Lipson and **J. Franklin**, Importance of soil microbes and nitrogen sources for native and exotic plant species in coastal sage scrub, California Native Plant Society 2012 Conservation Conference, San Diego, CA, 10-14 Jan.

- 2012 Ripplinger, J. and J. Franklin, CAP LTER Plant Species Diversity Responds to Land Use and Landscape Aesthetics (poster), CAP LTER All-Scientists Meeting, Phoenix, AZ, 13 Jan
- 2012 **Franklin, J.**, D. W. Steadman and P. L. Fall, Long-term dynamics and resilience of terrestrial plant and animal communities in the Bahamas (poster), Abaco Science Alliance Conference, Marsh Harbor, Abaco, The Bahamas, 6-7 Jan
- 2011 Bozzolo, F., D. Lipson and **J. Franklin**, Nitrogen assimilation pathways in native and exotic plant species in Southern California Coastal Sage Scrub, Ecological Society of America Annual Meeting, Austin TX, 7-12 Aug.
- 2011 Syphard, A. D, H. M. Regan, **J. Franklin**, R. Swab and *E. Coslink*, A modeling framework for assessing adaptation strategies for plants threatened by climate, land use, and altered fire regimes in Mediterranean-type ecosystems, European Conference on Ecological Modelling, Riva del Garda, Italy, 30 May – 2 Jun.
- 2011 **Franklin, J.**, A. D. Syphard and H. M Regan. The response of a key plant functional type to the triple threat of land use change, climate change and altered fire regimes in Mediterranean-type ecosystems. Invited paper, symposium: “*Feedbacks & synergisms: mechanisms driving novel ecosystems in the context of climate and land-use changes*,” Association of American Geographers Annual Meeting, Seattle, WA. 12-16 Apr.
- 2011 **Franklin, J.**, H. M Regan, A. D. Syphard, R. Swab and *E. Conlisk*. The response of plant functional types to land use change, climate change and altered fire regimes in a Mediterranean-type ecosystem. Annual Symposium, International Association for Landscape Ecology-US Chapter, Portland, OR, April 3-7.
- 2011 Ripplinger, J. and **J. Franklin**. Assessing spatiotemporal dynamics of plant communities in urban landscapes: Phoenix, Arizona, USA. Annual Symposium, International Association for Landscape Ecology-US Chapter, Portland, OR, April 3-7.
- 2011 Swab, R., H. M. Regan, D. Keith, **J. Franklin**, A. Syphard, T. Regan, M. Ooi and J. Crookston. Which is worse, the fire or the frying pan? Evaluating plant vulnerability to climate change and altered fire regimes. British Ecological Society Annual Symposium 28-30 Mar.
- 2011 Ripplinger, J. and **J. Franklin**. Spatiotemporal patterns of dominant plant species in CAP LTER. CAP LTER Annual Symposium and All Scientists Meeting, Tempe, AZ, Jan 12-13.
- 2011 Swab, R., H. M. Regan, D. Keith, **J. Franklin**, A. Syphard, T. Regan, M Ooi and J. Crookston. Vulnerability of obligate fire seeders to simultaneous changing fire regimes and climate change. International Biogeography Society 5<sup>th</sup> International Conference, Crete, 7-11 Jan.
- 2010 Davis, F.W., **Franklin, J.**, *Ikegami, M.*, Syphard, A., Flint, A., Hannah, L. Modeling plant species distributions under future climates: how fine-scale do climate models need to be? American Geophysical Union Fall Meeting, San Francisco, CA, 13-17 Dec.
- 2010 Franklin, J., Pervasive effects of human legacies on the dynamics of small island tropical forest communities. Invited Paper, *Symposium on understanding the dynamics of secondary tropical*

- forests*, International Meeting of the Association for Tropical Biology and Conservation, Bali, Indonesia, 19-23 Jul. <http://atbc2010.org/>
- 2010 Lawson, D. M., H. M. Regan, P. H. Zedler and **J. Franklin**. Evaluating the effect of climate change, altered fire regimes and habitat loss on *Ceanothus verrucosus*, Society for Conservation Biology 24<sup>th</sup> International Congress for Conservation Biology, Edmonton, Alberta, 3-7 July. <http://www.conbio.org/Activities/Meetings/2010>
- 2010\* Franklin J. and D. W. Steadman. Patterns of habitat use by migrant and resident landbirds on Abaco. Abaco Science Alliance Conference, Marsh Harbor, The Bahamas, 7-9 Jan 2010.  
\*Meeting attended by secondary school students and members of the community.
- 2009 Lawson, D. M., H. M. Regan and **J. Franklin**. Developing management strategies for multiple species using population viability models in a highly fragmented landscape in the context of climate change. Strategic Environmental Research and Development Program (SERDP) Conference, Dec. ##-##.
- 2009 Lawson, D. M., H. M. Regan, **J. Franklin** and P. Zedler. Evaluating the effects of climate change on population demographics of *Ceanothus verrucosus*. Special Symposium on Adaptive Climate Change-Proof Conservation Strategies, 2nd European Congress of Conservation Biology, Prague, CZ, 1-5 Sep.
- 2009 Syphard, A. D., **J. Franklin**, H. M. Regan, and D. M. Lawson, Expanding the evaluation of species distribution models to guide their assessment of climate impacts, Symposium on Climate Change Impacts on Species Distributions, Society for Conservation GIS Annual Meeting, Big Bear Lake, CA, 18-21 July.
- 2009 Browning, D. M., S. R. Archer, **J. Franklin**, and D. P. Guertin, Does livestock grazing influence spatial patterns of woody plant proliferation? Ecological Society of America Annual Meeting, Albuquerque, NM, 2-7 August.
- 2009 Syphard, A. D. and **J. Franklin**, Evaluating species distribution models to guide the assessment of climate impacts, Climate Change Congress: "Global Risks, Challenges and Decisions", University of Copenhagen, Copenhagen, Denmark, March 10-12 (poster).
- 2009 Guilliams, C. L., **J. Franklin** and A. D. Syphard. Species distribution modeling of the rare manzanita, *Arctostaphylos rainbowensis*, and implications for conservation of the species in southern California, California Native Plant Society Conservation Conference: Strategies and Solutions, Sacramento, CA, 17-19 January.
- 2008 Lawson, D. M., Regan, H., **Franklin, J.** and Zedler, P., Evaluating the effect of climate change on population demographics of *Ceanothus verrucosus*, Ecological Society of America Annual Meeting, Milwaukee, WI, August 3-8.
- 2008 Syphard, A. D. and **J. Franklin**, The effect of species functional traits and range size on the accuracy of distribution models for plant species in southern California, Ecological Society of America Annual Meeting, Milwaukee, WI, August 3-8.



- 2008 Lawson, D.M., H.M. Regan, P.H. Zedler, **J. Franklin**. Using death assemblages in extant stands of an obligate post-fire seeding shrub *Ceanothus verrucosus*, to inform fire management. Society for Conservation Biology Annual Meeting, Chattanooga, TN, 13-17 July.
- 2008 Crookston, J., Regan, H. M. and Franklin, J., Cumulative effects of altered fire regime and habitat loss on an obligate seeding plant in southern California, Annual Meeting of the Society for Conservation Biology, Chattanooga, TN, 13-17 July. (talk given by H. Regan)
- 2008 Comer Santos, K., C. Tague, A. C. Alberts and **J. Franklin**. Sea turtle nesting on the US Naval Station, Guantanamo Bay, Cuba. 28<sup>th</sup> Annual symposium on Sea Turtle Conservation, Loreto, Baja California Sur, Mexico, 18-26 January.
- 2007 Lawson, D.M., H.M. Regan, P.H. Zedler, **J. Franklin** and J. Crookston. A stochastic population model for *Ceanothus verrucosus*, an obligate post-fire seeding shrub. Strategic Environmental Research and Development Program, Partners in Environmental Technology Technical Symposium & Workshop. Washington, DC, 4-6 December.
- 2007 Bozzolo, F. H., D. A. Lipson, and **J. Franklin**, Plasticity in preferential nitrogen uptake by perennial woody shrubs, Ecological Society of America/Society for Ecological Restoration Joint Meeting, San Jose, CA, 5-10 August.
- 2007 Lewison, R. and **J. Franklin**, Understanding the bycatch landscape: Spatial patterns of single species and multi-taxa fisheries bycatch, Annual Symposium on Sea Turtle Conservation and Biology, Myrtle Beach, South Carolina, 22 - 28 February.
- 2007 **Franklin, J.**, Predictive modeling of vegetation distributions, *Special Symposium: Bioinformatics: spatial and temporal syntheses of vegetation data* (Conveners: S. Wisser and R. Peet); International Association of Vegetation Science 49<sup>th</sup> Annual Meeting, Palmerston North, New Zealand, 12-16 February.
- 2007 **Franklin, J.**, Statistical modeling of the distribution and abundance of *Quercus pacifica* and *Q. tomentella* on Catalina Island, Oak Ecosystem Restoration Workshop, Catalina Island Conservancy, Catalina Island, CA, 2-4 February. (Invited).
- 2006 **Franklin, J.**, Spears, L., Deutschman, D. H. and Marsden, K., Impact of the 2003 Cedar Fire on Mixed Conifer Forest in San Diego County, California, USA, *Special Session: Research and management insights from the 2003 Southern California firestorms* (Conveners: J. Keeley, M. Moritz & R. Halsey), Third International Fire Ecology and Management Congress, San Diego, CA, 13-17 Nov. (Invited)
- 2006 **Franklin, J.**, Mapping species distributions: Spatial inference from environmental data, 91<sup>st</sup> Ecological Society of America Annual Meeting, Memphis, TN, August 6-11.
- 2006 **Franklin, J.**, Biological data for species distribution modeling -- too much, too little, or just not in the right places? *Special Symposium: Predictive habitat modelling in a changing environment* (Conveners: K. van Niel & J. Miller), International Geographical Union Regional Congress, Brisbane, Australia, 3-7 July. (Invited)

- 2006 Syphard, A. D., K. C. Clarke, and **J. Franklin**, Simulating the combined effects of urban growth and high fire frequency on native shrublands in southern California, Association of American Geographers Annual Meeting, Chicago, IL, 7-11 Mar.
- 2005 **Franklin, J.**, Spatial pattern of early and late successional rain forest trees in Tonga, West Polynesia: density dependence or dispersal limitations?, Ecological Society of America- INTECOL 90<sup>th</sup> annual meeting, Montreal, 7-12 Aug.
- 2005 Syphard, A. D. and **J. Franklin**, Simulating the effects of frequent fire on the distribution of dominant plant functional types in southern California shrublands, 19th Annual Meeting of the Society for Conservation Biology, Brasilia, Brazil, 15-19 July.
- 2005 Rogan, J. and **J. Franklin**, Rate and pattern of land cover modification in California between 1985 and 2000, International Association of Landscape Ecology Annual Symposium, Syracuse, NY, 12-16 March (poster).
- 2004 Syphard, A.D., K.C. Clarke, and **J. Franklin**, Simulating alternative scenarios of habitat fragmentation in southern California native shrublands using a cellular automaton urban growth model, Ecological Society of America annual meeting, Portland, OR, 1-6 August.
- 2004 Smith, L. B. and **J. Franklin J.**, Vegetation community parameters in reserve design for Tonga, 47<sup>th</sup> annual meeting of the International Association of Vegetation Science, Kailua-Kona, Hawaii, July 18-23, 2004.
- 2004 **Franklin J.**, S. Wiser, D. Drake, L. Burrows and W. Sykes, Environmental gradients and secondary succession affect forest composition in Tonga, Western Polynesia, 47<sup>th</sup> annual meeting of the International Association of Vegetation Science, Kailua-Kona, Hawaii, July 18-23, 2004.
- 2004 Lieberman, A., D. Stow, J. Rogan and **J. Franklin**, Mapping burn severity in southern California Mediterranean type vegetation using Landsat and IKONOS data, 10th Biennial USDA Forest Service Remote Sensing Applications Conference, Salt Lake City, UT. 5-9 April 2004.
- 2004 Rogan, J., **J. Franklin**, **J. Miller**, and D. Stow. Assessing Uncertainty in Large Area Maps Generated for Land Cover Change Monitoring, TIES / Spatial Accuracy Symposium, Portland, Maine June 28 - July 1.
- 2004 Miller, J. and **J. Franklin**. A Comparison of Methods for Incorporating Spatial Dependence in Predictive Vegetation Models, TIES / Spatial Accuracy Symposium, Portland, Maine June 28 - July 1.
- 2004 Syphard, A.D., K.C. Clarke, and **J. Franklin**, Using a cellular automaton model to forecast the effects of alternate scenarios of urban growth on habitat fragmentation in southern California, 19th Annual Symposium, International Association for Landscape Ecology-US Chapter, Las Vegas, NV, May 30 – Apr 4.
- 2004 Akçakaya, H. R., **J. Franklin**, A. D. Syphard, J. R. Stephenson. Viability of Bell's Sage Sparrow under altered fire regimes: integrating landscape, habitat, and metapopulation modeling approaches. 18th Annual Meeting Society for Conservation Biology, New York, New York, USA, Jul 30 - Aug 2.

- 2004 Rogan, J., **J. Franklin**, and D. Stow. Mapping land cover modifications over large areas: a comparison of machine learning algorithms. Association of American Geographers Annual Meeting, Philadelphia, PA, March 14-19.
- 2003 Hathaway, S. A., **Franklin, J.**, Fisher, R. N., Analyzing herpetofauna museum and survey data and environmental variation to prioritize research and conservation needs. American Society of Ichthyologists and Herpetologists Annual Meeting, 26 Jun – 2 Jul, Manaus, Brazil.
- 2003 **Franklin, J.**, Natural versus human disturbance and the structure of tropical rain forest in the Western Pacific islands, Ecological Society of America, Annual Meeting, August 3-8, Savannah, GA.
- 2003 Thomas, K., **J. Franklin**, T. Keeler-Wolf, P. Stine and B. Anderson, The Mojave Vegetation Map: Central Mojave, 2003 Arid Southwest Lands Habitat Restoration Conference, 3-7 March, Palm Springs, CA
- 2003 Syphard, A. D. and **J. Franklin**, Modeling long-term effects of altered fire regimes and urbanization on vegetation succession, Invited Symposium, Spatio-temporal models in landscape ecology: complex and simple approaches, International Association of Landscape Ecology, World Congress, 13-17 July, Darwin, Australia.
- 2003 Rogan, J., J. Miller, D. Stow, **J. Franklin**, L. Levien and C. Fischer, Land Cover Change Monitoring in Southern California Using Multitemporal Landsat TM and Ancillary Data, American Society of Photogrammetry and Remote Sensing Meeting, May 5-9, Anchorage, Alaska.
- 2003 **Franklin, J.** and A. D. Syphard, Using LANDIS to simulate altered fire regimes in the mediterranean-climate shrublands and montane forests of southern California, The 18th Annual Symposium, International Association for Landscape Ecology-US Chapter, April 2-6, Banff Centre, Alberta, Canada.
- 2003 Miller, J. and **J. Franklin**, A comparison of methods for incorporating spatial dependence in predictive vegetation models, The 18th Annual Symposium, International Association for Landscape Ecology-US Chapter, April 2-6, Banff Centre, Alberta, Canada.
- 2003 Miller, J. and **J. Franklin**, Incorporating spatial dependence in predictive vegetation models, GIS Specialty Group Student Paper Competition, Association of American Geographers, Annual Meeting, 5-8 March, New Orleans, LA.
- 2003 Rogan, J. and **J. Franklin**, A Comparison of Classification Techniques for Mapping Multitemporal Forest Cover Change Using Thematic Mapper Imagery, Remote Sensing Specialty Group Student Paper Competition, Association of American Geographers, Annual Meeting, 5-8 March, New Orleans, LA.
- 2002 **Franklin, J.**, The effects of Tropical Cyclone Waka on the structure of lowland tropical rain forest in Vava'u, Tonga, Ecology 2002: Joint meeting of the Ecological Society of Australia and the New Zealand Ecological Society, 2-6 December, Cairns, Queensland, Australia.

- 2002 Simpson, C., S. Phinn and **J. Franklin**, Monitoring forest fragmentation using landscape pattern metrics, Ecology 2002: Joint meeting of the Ecological Society of Australia and the New Zealand Ecological Society, 2-6 December, Cairns, Queensland, Australia.
- 2002 Syphard A. and **J. Franklin**, Simulation modeling of the long term effects of altered fire regimes on vegetation succession in the Peninsular Ranges of San Diego County, 2002 Fire Conference, Association of Fire Ecology and Western Section of the Wildlife Society, December 2-5, San Diego CA.
- 2002 Rogan, J. and **J. Franklin**, Application of spectral mixture analysis to moderate and high spatial resolution imagery of burned areas, 2002 Fire Conference, Association of Fire Ecology and Western Section of the Wildlife Society, December 2-5, San Diego CA.
- 2002 Rogan, J., **J. Franklin**, D. Stow, L. Levien and C. Fischer, Evaluating operational methods for California land cover mapping and monitoring program, 2002 Fire Conference, Association of Fire Ecology and Western Section of the Wildlife Society, December 2-5, San Diego CA. (poster)
- 2002 Miller, J. and **J. Franklin**, Incorporating spatial dependence in predictive vegetation maps (juried oral presentation, 140 submitted, 70 accepted), GIScience 2002, Second International Conference on Geographic Information Science, September 25-28, Boulder, Colorado.
- 2002 Rogan, J., P. C. Kyriakidis, **J. Franklin**, and D. Stow, Evaluation of Thematic Change Map Classification Accuracy Using Geostatistical Methods (juried poster presentation, 130 submitted, 20 accepted), GIScience 2002, Second International Conference on Geographic Information Science, September 25-28, Boulder, Colorado.
- 2002 Miller, J. and **J. Franklin**, Predictive Vegetation Models of Four Alliances Using Spatial Dependence, ERSI Users Conference, 8-12 July, San Diego, CA. Most Analytical Award, Poster Presentation, San Diego Geography Showcase.
- 2002 **Franklin, J.**, The effect of altered fire regimes on vegetation patterns in southern California, **Invited Plenary Talk**, International Association of Landscape Ecology – US Chapter, Annual Symposium, 23-7 April, Lincoln, Nebraska.
- 2002 Rogan, J., D. Stow, **J. Franklin** and D. A. Roberts, Evaluating the utility of a space-varying haze equalization algorithm in multitemporal remote sensing applications, USDA Forest Service Ninth Biennial Remote Sensing Applications Conference, 8-12 April 2002, San Diego, California. (poster)
- 2002 **Franklin, J.**, \*J. Rogan, D. Stow, J. Miller, L. Levien and C. Fischer Operational detection of changes in forest and shrub cover in California using multitemporal Landsat data, USDA Forest Service Ninth Biennial Remote Sensing Applications Conference, 8-12 April 2002, San Diego, California.
- 2002 Rogan, J., **J. Franklin**, D. Stow, J. Miller, L. Levien and C. Fischer A comparison of classification techniques for mapping multitemporal changes in forest cover using Thematic Mapper imagery, USDA Forest Service Ninth Biennial Remote Sensing Applications Conference, 8-12 April 2002, San Diego, California.

- 2002 Stow D., L. Coulter, A. Hope, E. Witzum, A. Johnson, A. Peterson, A. Wall, J. O'Leary and **J. Franklin**, Monitoring habitat reserves using high spatial resolution image data, USDA Forest Service Ninth Biennial Remote Sensing Applications Conference, 8-12 April 2002, San Diego, California.
- 2002 Miller, J. and **J. Franklin**, Modeling vegetation alliances in the Mojave Desert with spatial dependence, USDA Forest Service Ninth Biennial Remote Sensing Applications Conference, 8-12 April 2002, San Diego, California. (poster)
- 2002 Lieberman, A., D. Stow and **J. Franklin**, An Evaluation Of Kauth Thomas And Normalized Burn Ratio Enhancement Techniques For Delineating Burn Severity, USDA Forest Service Ninth Biennial Remote Sensing Applications Conference, 8-12 April 2002, San Diego, California.
- 2002 Miller, J. and **J. Franklin**, Modeling vegetation alliances in the Mojave Desert with spatial dependence, Association of American Geographers, Annual Meeting, Los Angeles, California, 19-23 March 2002. (*2<sup>nd</sup> Place Student Illustrated Paper Competition*)
- 2002 Rogan, J. and **J. Franklin**, A comparison of classification techniques for mapping multitemporal forest cover change using Thematic Mapper imagery, Association of American Geographers, Annual Meeting, Los Angeles, California, 19-23 March 2002. (*Best Student Paper in Remote Sensing*)
- 2001 Elliott, P., R. Reed and **J. Franklin**, The valuation of national parks – analysis, methodology and application, The Inaugural IASCP (International Association for the Study of Common Property) Pacific Regional Meeting, 2-4 September, Brisbane, Australia.
- 2001 Rogan, J., **J. Franklin**, D. Stow, L. Levien and C. Fischer, Toward Operational Monitoring of Forest Cover Change in California Using Multitemporal Remote Sensing Data, IGARSS 2001 International Geoscience and Remote Sensing Symposium, Sydney, Australia, 9-13 July, 2001.
- 2001 Rogan, J. and **J. Franklin**, Mapping burn severity in southern California using spectral mixture analysis, IGARSS 2001 International Geoscience and Remote Sensing Symposium, Sydney, Australia, 9-13 July, 2001.
- 2001 **Franklin, J.**, Simulating the effects of altered fire regimes on plant succession in the shrublands and forests of Southern California using LANDIS, International Association of Landscape Ecology-US Chapter, Annual Symposium, Tempe, AZ, April 25-29, 2001.
- 2001 Miller, J. and **J. Franklin**, Mapping the distribution of vegetation alliances in the Mojave Desert Ecoregion, Association of American Geographers, Annual Meeting, New York, New York, Feb 27-Mar 3, 2001.
- 2001 Rogan, J. and **J. Franklin**, Mapping fire severity in southern California using Spectral Mixture Analysis techniques, Association of American Geographers, Annual Meeting, New York, New York, Feb 27-Mar 3, 2001.
- 2000 Stow, D., L. Coulter, J. O'Leary, A. Hope, and **J. Franklin**, Monitoring of habitat reserve systems using remotely sensed data with very high spatial resolution, MEDECOS 2000 Conference on Mediterranean Type Ecosystems, Cape Town, South Africa, 11-15 Sep, 2000.

- 2000 **Franklin, J.** Simulating the effects of different fire regimes on plant communities in Southern California using the LANDIS model, MEDECOS 2000 Conference on Mediterranean Type Ecosystems, Cape Town, South Africa, 11-15 Sep, 2000.
- 2000 Scull, Peter, Janet Franklin, Oliver Chadwick, Predictive Soil Modeling in the Mojave Desert Eco-Region, 4th International Conference on Integrating GIS and Environmental Modeling, Banff, Alberta, Canada, 2-8 Sep, 2000.
- 2000 **Franklin, J.**, Predicting the distribution of vegetation communities from environmental variables in the Mojave Desert Ecoregion. Ecological Society of America, Annual Meeting, Snowbird, UT, 6-10 Aug, 2000.
- 2000 Scull, P., J. Franklin, O. Chadwick and D. Lund, Predictive soil modeling from geo-spatial data in the Mojave Desert. Association of American Geographers, Annual Meeting, Pittsburgh, PA, 4-8 Apr, 2000.
- 2000 Rogan, J. and J. Franklin, Processing multitemporal TM imagery to extract forest cover change features in Cleveland National Forest. Association of American Geographers, Annual Meeting, Pittsburgh, PA, 4-8 April, 2000 (*Best Student Paper in Remote Sensing*).
- 1999 Thomas, K. A., T. Keeler-Wolf, and **J. Franklin.** Scale-dependent environmental variables and their influence on vegetation distribution in the Mojave Desert (paper given by **J. Franklin**). Predicting Species Occurrences: Issues of Scale and Accuracy, Snowbird UT, October 18-22, 1999.
- 1999 **Franklin, J.**, K. A. Thomas, T. Keeler-Wolf, and P. Stine. The Mojave Vegetation Mapping Project: Vegetation Classification, Modeling and Mapping (poster). International Association of Landscape Ecologists, Snowmass CO, July 29-Aug 3, 1999.
- 1998 **Franklin, J.**, K. A. Thomas, T. Keeler-Wolf, P. Stine and D. Shaari. The Mojave Vegetation Mapping Project: Vegetation Classification, Modeling and Mapping (poster). 19<sup>th</sup> ESRI Users Conference, San Diego CA, July 26-20, 1999.
- 1999 Rogan, J. M. and J. Franklin. Monitoring alteration in regional forest structure using multitemporal remote sensing (poster). 19<sup>th</sup> ESRI Users Conference, San Diego CA, July 26-20, 1999. Most Analytical Award, Poster Presentation, San Diego Geography Showcase.
- 1999 Freifeld, H., B., Steadman, D. W, **Franklin, J.**, Conservation Status of Forests and Vertebrate Communities in the Vava'u Island Group, Tonga, (paper given by H. B. Freifeld) Association of American Geographers, Annual Meeting, Honolulu, HI, March 23-27, 1999.
- 1999 **Franklin, J.**, D. Shaari and T. Keeler-Wolf, Stratified sampling for field survey of environmental gradients to define vegetation alliances in the Mojave Desert, (paper given by David Shaari) Association of American Geographers, Annual Meeting, Honolulu, HI, March 23-27, 1999.
- 1999 Franklin, J., Vegetation mapping on National Forest lands in California using remote sensing and GIS (invited talk, special session on remote sensing , GIS and forest landscape assessment), Association of American Geographers, Annual Meeting, Honolulu, HI, March 23-27, 1999.

- 1998 Klopatek, J. M., R. C. Balling, Jr., A. W. Brazel, **J. Franklin** and C. J. Watts, Land-use change along the United States-Mexico border: ecosystem effects and climate feedbacks, SCERP Technical Conference, El Paso, TX, Sep 1998.
- 1998 Hines, E. M. and Franklin, J. Using a Geographic Information System to estimate the possible effects of digital map error on the delineation of habitat for the California Spotted Owl in southern California, The Second Conference of the International Society for Conservation GIS, Idyllwild, CA, July 25-27, 1998.
- 1998 Franklin, J., Bolick, L., Smith, D., Drake, D. and Motley, T., The conservation value of primary and secondary forest in Tonga, Association of American Geographers, Annual Meeting, Boston, MA, March 25-29, 1997.
- 1997 Franklin, J., Martin, R., Miller, J., Mladenoff, D., and He, H., Parameterizing and calibrating the LANDIS model of disturbance and succession to examine the effects of altered fire regimes on vegetation patterns of southern California. MEDECOS VIII: Conference on Mediterranean Type Ecosystems, San Diego, CA, 18-26 October 1997, p. 30 (abstract only; poster).
- 1997 Martin, R., and Franklin, J., Multiple pathways of chaparral succession in southern California: the application of a heuristic model to the plant life history characteristics of disturbance prone communities. MEDECOS VIII: Conference on Mediterranean Type Ecosystems, San Diego, CA, 18-26 October 1997, p. 44 (abstract only; poster).
- 1997 Drake, D.R., **Franklin, J.**, Bolick, L., Smith, D., and Motley, T. Indigenous forests of 'Eua and the Vava'u Group, Tonga: community composition and conservation implications. VIII Pacific Science Inter-Congress, The University of the South Pacific, Suva, Fiji, 13-19 July, 1997.
- 1997 Hines, E. M. and **J. Franklin**. A sensitivity analysis of a map of habitat quality for the California spotted owl (*Strix occidentalis occidentalis*) in Southern California, Second International Symposium on Biology and Conservation of Owls in the Northern Hemisphere, Winnipeg, Manitoba, Canada, February 5-9, 1997.
- 1997 Shandley, J., **Franklin, J.** Gray, C. and Woodcock, C.E. Digital Vegetation Maps for Southern California National Forests from TM image classification and Digital Terrain Modeling. ASPRS-ACSM-RT-Auto Carto Annual Convention and Exposition, Seattle, WA, April 1997. Poster presentation.
- 1996 **Franklin, J.** Predictive mapping of chaparral vegetation in southern California, Invited Talk, Symposium: Predictive Spatial Models in Vegetation Ecology, Ecological Society of America, Annual Meeting, Providence, RI, 10-14 August, 1996.
- 1996 **Franklin, J.** and J. Stephenson. Integrating GIS and remote sensing to produce regional vegetation databases: attributes related to environmental modeling, Third International Conference/Workshop on Integrating GIS and Environmental Modeling, Santa Fe, New Mexico, January 21-25.
- 1996 **Franklin, J.**, P. McCullough, C. Gray and D. Simons. Terrain variables used for predictive mapping of vegetation communities in Southern California, Terrain Analysis Workshop, Third International Conference/Workshop on Integrating GIS and Environmental Modeling, Santa Fe, New Mexico, January 21-25.

- 1995 Hope, A.S., D.A. Stow and **J. Franklin**. Coordinated remote sensing studies in Mediterranean type ecosystems: the south west Cape region and southern California, Fynbos Forum, Kogelberg, South Africa, 5-6 December.
- 1995 **Franklin, J.** Forest Service lands in the mountains of southern California -- islands of habitat in a sea of development, 10th Annual Landscape Ecology Meeting, US-International Association of Landscape Ecologists, Minneapolis, MN, April 23-26.
- 1995 **Franklin, J.** Vegetation Mapping for the US Forest Service Using Satellite Imagery and GIS: An Example from Southern California, American Society of Photogrammetry and Remote Sensing (ASPRS/ACSM) Annual Meeting, Charlotte, NC, Feb 26-Mar 2.
- 1994 Duncan, J. and **J. Franklin**. Estimating fractional vegetation cover at the subpixel scale in a semi-arid region using a statistical mixture model and remotely sensed data, International Geoscience and Remote Sensing Symposium (IGARSS'94), Pasadena, CA, Aug 8-12.
- 1994 Grand Showcase Award, Poster Presentation, San Diego Geography Showcase, ESRI User's Meeting
- 1994 **Franklin, J.** Predictive mapping of vegetation communities, an example from Southern California, Association of American Geographers, Annual Meeting, San Francisco, CA, Mar 29-Apr 2.
- 1994 Bolick, L. and **J. Franklin**. Biological conservation and park development, Kingdom of Tonga, South Pacific, Association of American Geographers, Annual Meeting, San Francisco, CA, Mar 29-Apr 2.
- 1993 Duncan, J. and **Franklin, J.** Estimating shrub size and density using an invertible canopy reflectance model in Niger, West Africa: HAPEX Sahel 92, Annual Fall Meeting of the American Geophysical Union, San Francisco, CA, December 6-10. Paper given by J. Duncan.
- 1993 **Franklin, J.** and McCullough, P. Predictive vegetation modeling using regression tree analysis in Southern California vegetation, 2nd International Workshop/Conference on the Integration of GIS and Environmental Modeling, NCGIA, Breckenridge, Colorado, September 26-30. Poster presentation.
- 1993 Most Analytical Award, Poster Presentation, San Diego Geography Showcase (with Paul McCullough), ESRI User's Meeting.
- 1993 **Franklin, J.**, S. Phinn, D. Stow, A. Hope and L. Hueneke. Spatial variability of biomass from high-resolution airborne scanner imagery in the Jornada LTER, Ecological Society of American, Annual Meeting, Madison, WI, July 31-August 4. Poster presentation.
- 1993 **Franklin, J.** Measurement of canopy component reflectance for parameterizing a geometric optical reflectance model, Remote Sensing of Soils and Vegetation Workshop in Honor of Dr. Ray D. Jackson, USDA Agricultural Research Service, Phoenix, AZ, January 6-8.



- 1992 Shandley, J., Franklin, T. White and J. Rechel. Testing a segmentation procedure for defining regions in a digital image corresponding to natural vegetation stands, GIS/LIS, San Jose, CA, Nov. 10-12. Poster presentation.
- 1992 **Franklin, J.**, and J. Duncan. Testing the Li-Strahler four-component canopy reflectance model in the HAPEX-Sahel shrub savanna sites using ground reflectance data, International Geoscience and Remote Sensing Symposium (IGARSS '92), Clear Lake, TX, May 26-29. Poster presentation.
- 1992 **Franklin, J.**, and Turner, D. The application of a discrete object reflectance model to semiarid shrub vegetation, Association of American Geographers, annual meeting, San Diego, California, April 19-21.
- 1992 Glasgow, K., **J. Franklin** and R. Wright. Use of GIS data analysis for the evaluation of local open space policies and biodiversity preservation, ASPRS/ACSM annual meeting and convention, Albuquerque, NM, Feb. 29-Mar 5.
- 1991 **Franklin, J.**, and D.W. Steadman. Habitat mapping for biological conservation in Polynesia: an example from the Cook Islands, XVII Pacific Science Congress, Honolulu, HI, May 27-June 2.
- 1990 **Franklin, J.** and D. Turner. Modeling the reflectance of a desert shrub canopy, Ecological Society of American, Annual Meeting, Snowbird, UT, July 29-August 2. Poster presentation.
- 1990 **Franklin, J.**, F. Davis and P. Lefebvre. Geometric-optical modeling of Blue Oak Woodland in California, International Geoscience and Remote Sensing Symposium, College Park, MD, May 20-24.
- 1990 Turner, D. and **J. Franklin**. Canopy reflectance modeling of semiarid shrub vegetation, Association of American Geographers, annual meeting, Toronto, Canada, April 19-22. Paper given by D. Turner, session Chaired by Janet Franklin.
- 1989 **Franklin, J.** The heterogeneous distribution of biomass in a West African savanna, Fourth Annual Landscape Ecology meeting, Ft. Collins, CO, March.
- 1988 **Franklin, J.**, Remote sensing of vegetation structure in semiarid woodland, Association of Pacific Coast Geographers Meeting, San Diego, CA, September 28-30.
- 1988 **Franklin, J.** and D. Steadman. Conservation of Polynesian birds through species introduction, Ecological Society of America, annual meeting, Davis, CA, August.
- 1988 Strahler, A.H., Y. Wu, and **J. Franklin**. Invertible canopy reflectance modeling of forest vegetation structure, Forest Simulation Systems Conference, Berkeley, CA, November. Presented by A.H. Strahler.
- 1988 **Franklin, J.** and D. Steadman. Habitat mapping for species conservation in Polynesia, Association of American Geographers, Annual Meeting, Phoenix, AZ, April. Poster presentation.
- 1987 **Franklin, J.**, D.S. Simonett, and A.H. Strahler. Invertible canopy reflectance modeling in semiarid woodland, invited paper, Association of American Geographers, annual meeting, Portland, OR, April.

- 1986 **Franklin, J.**, X. Li, and A. H. Strahler. Canopy reflectance modeling in Sahelian and Sudanian woodland and savanna, 20th International Symposium Remote Sensing of Environment, Nairobi, Kenya.
- 1985 **Franklin, J.** Thematic Mapper analysis of coniferous forest stands, Pecora X Symposium, Fort Collins, CO, August. Poster presentation.
- 1985 **Franklin, J.** Point pattern analysis of a coniferous forest woodland, Ecological Society of America, Annual Meeting, Minneapolis, MN, June. Poster presentation.
- 1985 **Franklin, J.** and A. Getis. A second order analysis of the spatial pattern of Ponderosa pine (*Pinus ponderosa*), American Association for the Advancement of Science, annual meeting, Los Angeles, CA. Poster presentation (by A. Getis).
- 1984 Estes, J.E., D. Negri, D.B. Botkin, and **J. Franklin**. Improving accuracies of global land cover estimates using Landsat imagery, American Society of Photogrammetry and Remote Sensing Annual Meeting, Washington, DC. Paper given by D. Negri.
- 1984 **Franklin, J.** Characterizing the spatial pattern in forest stands for improved canopy reflectance modeling, American Society of Photogrammetry and Remote Sensing Annual Meeting, Washington, DC.

#### **Invited Lectures** (\* = Talks given to non-academic community or professional groups)

- 2022\* Improving Climate Resilience through Adaptation Management of Natural Vegetation in California, [San Diego Master Gardeners Association](#) (Jan 13)
- 2021 Forecasting the vulnerability of biodiversity to global change, Department of Biological Sciences at Southern Illinois University Edwardsville, IL (Sep 20)
- 2020 Geospatial Data for Forecasting Global Change Impacts on Ecosystems, Distinguished Scholars Lecture Series, College of Arts and Letters, San Diego State University, San Diego CA (Feb 4)
- 2019 Geographical ecology of tropical dry forest tree communities. Ecology Group and Center for Conservation Biology, UC Riverside, Riverside CA (May 28)
- 2019 Paleoscape Model of Coastal South Africa During Modern Human Origins: Climate, Landforms, Plants, Animals and People. Department of Environmental Science, Policy and Management, University of California, Berkeley, CA (Mar 21)
- 2019 Ecosystems navigate complex terrain in a changing climate. Ecology, Evolution and Conservation Biology seminar series, Oregon State University, Corvallis, OR (March 6)
- 2018 Paleoscape model of coastal South Africa during modern human origins: climate, vegetation, and agent-based models. Data Science Seminar Series, Department of Computer Science, University of California, Riverside, CA, (2 Mar)
- 2018 California's forests navigate complex terrain in a changing climate. Department of Geography, University California (UCLA), Los Angeles CA (29 Jan)

- 2017 California's forests navigate complex terrain in a changing climate. 2017 Murphy Lecture, Department of Geography & Environmental Studies, University of New Mexico, Albuquerque, NM (17 Nov).
- 2017 Setting the stage: Paleoscape modeling in paleoanthropology. Paleoscape Workshop, Centre for Coastal Paleoscience, Nelson Mandela University, Mossel Bay, South Africa, 27-29 Jun
- 2017 California's forests navigate complex terrain in a changing climate. Department of Geography, University of California, Santa Barbara, CA (4 May)
- 2017 California's forests navigate complex terrain in a changing climate. Department of Biology, Kansas State University. Manhattan KS (22 April)
- 2016 California's forests navigate complex terrain in a changing climate. Yale School of Forestry and Environmental Studies, Yale University, New Haven, CT (21 Sep)
- 2016 From microclimates to macroecology: tree species range dynamics in a changing climate. University of California, Riverside, CA (26 Aug)
- 2015 From microclimates to macroecology: tree species range dynamics in a changing climate. Center for Geospatial Analytics, North Carolina State University - Raleigh NC (12 Nov).
- 2014 From microclimates to macroecology: modeling tree species range dynamics in a changing climate. Ecology, Evolution and Conservation Biology Graduate Program, University of Nevada – Reno NV (4 Sep).
- 2013\* A long term perspective on plant and animal life in the Bahamas. Public lectures given by J. Franklin and D. W. Steadman, invited by the Bahamas National Trust: 10/3/13 Rand Nature Center, Freeport, Grand Bahama; 12/9/13 Levy Native Plant Preserve, Eleuthera, Bahamas.
- 2013 Geospatial data for large area ecology. Scaling Up: Early Career Scientists Workshop on Continental-Scale Population and Community Ecology and Education, Ecological Society of America (sponsored by National Science Foundation), Baltimore MD (4-7 Jun)
- 2013 Mind the gap. Working Group Biotic Interactions and Modeling Species Distributions, National Institute for Mathematics and Biological Synthesis (NIMBioS), University of Tennessee, Knoxville TN (1-4 Feb)
- 2012\* A long term perspective on plant and animal life in the Bahamas. Public lectures given by J. Franklin and D. W. Steadman, hosted by the Bahamas National Trust; 11/28/12 in Nassau, New Providence, and 12/3/12 in Hope Town, Abaco, the Bahamas
- 2012 Landscape ecology and ecosystem management. Guest lecture BIO 323 (Ecosystem Restoration and Management) (Prof. J. Stromberg) (Apr 3; ASU)
- 2011 The triple threat: the impacts of land use change, climate change and altered fire regimes on plant species in a Mediterranean-type ecosystem. School of Forestry and Department of Biology, Northern Arizona University, Flagstaff, AZ (Oct 21)

- 2011 **Franklin J.**, H. Regan and A. Syphard. The triple threat: land use change, climate change and altered disturbance regimes. **Invited plenary lecture**, National Environmental Observation Network (NEON) Members Meeting, Boulder, CO (Sep 16)
- 2011 Biogeography and Spatial Sciences. Guest lecture GCU496: Geographic Research Methods (Prof. K. Larson) (Sep 13; ASU)
- 2010\* Syphard, A., H. Regan, **J. Franklin**, R. Swab and P. Zedler, A framework for assessing climate mitigation and adaptation strategies, Workshop on Bridging the Gap: Downscaling Climate Models to Inform Management Actions, CA Department of Fish & Game, US Geological Survey, and US Fish and Wildlife Service, Sacramento, CA (3 Nov)
- 2010\* Syphard, A., **J. Franklin** and H. Regan, Does translocation of a rare fire dependent plant mitigate the effects of climate change? Tecate Cypress Symposium, The Nature Conservancy and the Bureau of Land Management, Rancho Jamul Ecological Reserve, Jamul, CA (16 Jun)
- 2008 Species distribution modeling: spatial inference and prediction, Ecology Center, Utah State University, Logan, UT (November 13)
- 2008 Altered Fire Regimes Affect Landscape Patterns of Plant Succession in the Foothills and Mountains of Southern California, Ecology Center, Utah State University, Logan, UT (November 12)
- 2008\* Forest Recovery in Cuyamaca Rancho State Park Five Years After the Cedar Fire, Public Symposium, Cuyamaca Rancho State Park and CRSP Interpretive Association, Descanso, CA. (8 November)
- 2008 Species distribution modeling: spatial inference and prediction. School of Life Sciences, Arizona State University, Tempe, AZ (October 17)
- 2008 Species distribution modeling: spatial inference and prediction. International Institute for Geo-Information Science and Earth Observation (ITC), Enschede, Netherlands (September 26)
- 2008 Species distribution modeling: spatial inference and prediction. Lund Centre for Sustainability Studies, University of Lund, Lund, Sweden (September 15)
- 2008 Spatial patterns of species and ecological communities in dynamic landscapes reveal the ghost of disturbance past, School of Geography, University of Southampton, Southampton, UK (August 7)
- 2008\* Impacts of the Cedar Fire on Vegetation Communities in Cuyamaca Rancho State Park, San Diego Region Weed Management Areas Stakeholders Meeting (May 14)
- 2006\* Mapping species distributions: spatial inference and prediction, California Native Plant Society San Diego Chapter, monthly meeting, Casa del Prado, Balboa Park, San Diego, CA (16 May)
- 2006 Mapping species distributions: spatial inference and prediction, Division of Biological Sciences, University of California, San Diego, CA (12 May)

- 2006 Mapping species distributions: spatial inference and prediction, Department of Botany and Plant Sciences, University of California, Riverside, CA (11 January)
- 2005 Spatial inference and prediction with biogeographical data, The Bren School, University of California, Santa Barbara (22 November)
- 2005 Spatial inference and prediction with biogeographical data, The Ecology Centre, University of Queensland, Brisbane, Australia (11 October)
- 2005 Forest community patterns resulting from human and natural disturbance in Western Polynesia, School of Biological, Environmental and Ecological Sciences, University of New South Wales, Sydney, Australia (13 October)
- 2005 Spatial inference and prediction with biogeographical data, School of Biological, Environmental and Ecological Sciences, University of New South Wales, Sydney, Australia (14 October)
- 2005\* Tree Mortality and Recovery in Cuyamaca Rancho State Park After the 2003 Cedar Fire, San Diego Partners for Biodiversity (network of local professional environmental biologists), San Diego County Department of Planning (January 25).
- 2004\* Patterns of Plant Species Mortality and Recovery in Cuyamaca Rancho State Park Following the Cedar Fire, The Cedar Fire and Cuyamaca Ranch State Park One Year Later: Recovery Expectations and Realities, Public symposium, Cuyamaca Rancho State Park, Descanso, CA. (October 16).
- 2004\* Altered Fire Regimes Affect Landscape Patterns of Plant Succession in the Foothills and Mountains of Southern California, San Diego Fire Recovery Network, Workshop on fire ecology of chaparral and coastal sage scrub, San Diego Natural History Museum (April 21)
- 2003 Navigators, Cyclones and Biodiversity in the Happy Isles of Oceania, 9<sup>th</sup> Annual Biology Department Symposium, San Diego State University (Sept 5)
- 2003\* The effects of altered fire regimes on plant communities in the foothills and mountains of southern California, Fallbrook Land Conservancy, speaker series organized by Dr. Claudia Luke, SDSU Biological Field Stations (June 20).
- 2003 Conserving rain forest communities on oceanic islands in the western Pacific: long-term natural and human disturbance, The Center for Reproduction of Endangered Species (CRES), San Diego Zoological Society (February 12)
- 2003 The effects of altered fire regimes on plant communities in the foothills and mountains of southern California, Graduate Group in Ecology, University of California at Davis (January 15)
- 2002 Simulating the Effects of Different Fire Regimes on Succession in Southern California Shrub Communities Using the LANDIS Model, Department of Biology, San Diego State University (Feb 18).
- 2001 Modeling Species Distribution Using Generalized Linear Models and Classification Trees With Spatial Dependence, Spatial Ecology Laboratory (Prof. H. Possingham), Department of Zoology, University of Queensland, Brisbane (November 20).

- 2001 Remote Sensing for Forest Monitoring – Example Approaches from the United States, Wet Tropics Management Authority (WTMA), Wet Tropics World Heritage Area, Cairns. (12 Nov)
- 2001 Biogeography and Community Ecology of Forest Plants and Birds in Tonga and Fiji – A Long Term Perspective, Geographical Sciences and Planning, University of Queensland, Brisbane (October 10).
- 2001 Monitoring Regional Forest Cover in California Using Multitemporal Remote Sensing Data, talk given to remote sensing class, Geographical Sciences and Planning, University of Queensland, Brisbane (October 10).
- 2001 Biogeography and Community Ecology of Forest Plants and Birds in Tonga and Fiji – A Long Term Perspective, CSIRO Tropical Forest Research Centre, Atherton, Queensland, Australia (September 17).
- 2001 Simulating the Effects of Different Fire Regimes on Succession in Southern California Shrub Communities, Ecology Centre, University of Queensland, Brisbane (August 28).
- 2001 Simulating the Effects of Different Fire Regimes on Plant Functional Groups in Southern California Using the LANDIS Model, Department of Geography, University of Florida, Gainesville, FL (March 16).
- 2000 Simulating the Effects of Different Fire Regimes on Plant Functional Groups in Southern California, Center for Environmental Analysis, California State University, Los Angeles, Regional Conference on Spatially Structured Dynamics (May 19).
- 1999 (with David Steadman) Changing ranges and extinctions of Pacific Island birds due to early Polynesian exploitation: implications for nature conservation, Department of Geography, University of the South Pacific, Suva, Fiji (May 6).
- 1996\* Vegetation maps developed for the Forest Service, USDA Forest Service California Southern Province GIS Group, Workshop 1: New Vegetation maps for Southern California National Forests, Angeles National Forest Supervisor's Office, Arcadia, CA (October 17).
- 1996 Digital vegetation maps for Southern California using remote sensing and predictive vegetation modeling in GIS, Department of Geography, University of Arizona, Tucson, AZ (September 27).
- 1996 Predictive mapping of chaparral plant species and communities in southern California, Department of Botany, Rice University, Houston, TX (March 25).
- 1995 Building digital vegetation maps using remote sensing and a Geographic Information System, Department of Aerospace and Mechanical Engineering, San Diego State University (October 12).
- 1995 Building digital vegetation maps for Southern California using remote sensing and predictive vegetation modeling in GIS, Department of Botany, Arizona State University (September 22).
- 1995 Cowabunga -- It's time for Tonga! Biogeography in Vava'u. Department of Geography, San Diego State University (September 18).

- 1995 Biogeography and biodiversity conservation in the Vava'u Island Group Kingdom of Tonga, Polynesia, Department of Geography, Arizona State University (September 22)
- 1994 Mapping the vegetation of Southern California National Forests using remote sensing and GIS, Department of Geography, San Diego State University (October 14).
- 1994\* A project to map the existing vegetation of the four Southern California National Forests, Southwest Ecoregion Interagency Planning Group, Riverside, CA (May 11).
- 1994\* Mapping vegetation in the Cleveland National Forest using remote sensing and GIS, USDA Forest Service Forest Fire Laboratory, Riverside, CA (January 24).
- 1992 Estimating canopy area and density in semiarid shrubland and savanna from remotely sensed data using a discrete object reflectance model, Department of Forest Science, School of Forestry, Oregon State University, Corvallis, OR. (April 30.)
- 1992\* Remote Sensing and GIS Research in the Pine Creek Watershed, Cleveland National Forest, US Forest Service Regional Meeting of Information Managers, San Diego, CA (February 26.)
- 1989 Inferring canopy structure in tropical savanna using a reflectance model and remotely sensed data. Systems Ecology Research Group, San Diego State University (11 December.)
- 1988 A review of remote sensing applications to tree cover assessment. Second Results Symposium, International Land Surface Climatology Project (ISLSCP), Niamey, Niger, (25-29 April.)
- 1987 Coniferous forest inventory using Landsat and digital terrain data. College of Forestry, Australian National University, Canberra, ACT, Australia. (October 21.)
- 1987 Invertible canopy reflectance modeling of vegetation structure in semi-arid woodland. Presented in the following locations: U.S. Water Conservation Laboratory, USDA, Phoenix, AZ, (May 28); Ecosystems Science and Technology Branch, NASA Ames Research Center, Moffett Field, CA, (June 12); Centre for Remote Sensing, University of New South Wales, Kensington, New South Wales, Australia, (October 14); Division of Water Resources Research, CSIRO, Canberra, ACT, Australia, (October 19.)
- 1987 Analysis of coniferous forest structure and composition using Landsat imagery. Department of Botany, University of California at Davis, Davis, CA. (May 6.)
- 1985 Thematic Mapper Simulator analysis of basal area and species composition in coniferous forest stands. Ecosystems Science and Technology Branch, NASA Ames Research Center, Moffett Field, CA. (April 17.)

### Published Conference Proceedings

- 2010 **Franklin, J.** and **Knapp, D. A.**, Habitat relationships and potential restoration sites for *Quercus pacifica* and *Q. tomentella* on Catalina Island, *Oak Ecosystem Restoration on Santa Catalina Island, California, Proceedings of an On-Island Workshop 2-4 Feb 2007*, (D. A. Knapp, ed.), Catalina Island Conservancy, Avalon, CA. pp. 69-93 ISBN 978-0-9796277-0-5

- 2001 Rogan, J., **J. Franklin**, D. Stow, L. Levien and C. Fischer, Toward Operational Monitoring of Forest Cover Change in California Using Multitemporal Remote Sensing Data, *Proceedings of IGARSS 2001, International Geoscience and Remote Sensing Symposium*, Sydney, Australia, 9-13 July, 2001, IEEE Inc., Piscataway, NJ, Vol. VII, pp. 3090-3092.
- 2001 Rogan, J., and **J. Franklin**, Mapping burn severity in southern California using spectral mixture analysis, *Proceedings of IGARSS 2001, International Geoscience and Remote Sensing Symposium*, Sydney, Australia, 9-13 July, 2001, IEEE Inc., Piscataway, NJ, Vol. IV, pp. 1681-1683.
- 2001 Scull, P., **J. Franklin** and O. Chadwick, Predictive Soil Modeling in the Mojave Desert Eco-Region, *of the 4th International Conference on Integrating GIS and Environmental Modeling*, Banff, Alberta, Canada, 2-8 Sep, 2000, <http://www.Colorado.EDU/research/cires/banff/>
- 1997 Hines, E. M. and **J. Franklin**. A sensitivity analysis of a map of habitat quality for the California spotted owl (*Strix occidentalis occidentalis*) in Southern California, *Biology and Conservation of Owls in the Northern Hemisphere: Second International Symposium*, Winnipeg, Manitoba, Canada, February 5-9, 1997, James R. Duncan, David H. Johnson, Thomas H. Nicholls, editors, USDA Forest Service General Technical Report NC-190, pp. 218-236.
- 1996 Franklin, J. and J. Stephenson. Integrating GIS and remote sensing to produce regional vegetation databases: attributes related to environmental modeling, *Proceedings of the Third International Conference/Workshop on Integrating GIS and Environmental Modeling*, Santa Fe, New Mexico, January 21-25, 1996, CD-ROM and WWW: [http://www.ncgia.ucsb.edu/conf/SANTA\\_FE\\_CD-ROM/sf\\_papers/franklin\\_janet/my\\_paper.html](http://www.ncgia.ucsb.edu/conf/SANTA_FE_CD-ROM/sf_papers/franklin_janet/my_paper.html)
- 1994 Duncan, J. and **J. Franklin**, Estimating fractional vegetation cover at the subpixel scale in a semiarid region using a statistical mixture model and remotely sensed data, *IGARSS '94: Proceedings of the International Geoscience and Remote Sensing Symposium*, Pasadena, CA, Aug 8-12, IEEE, Piscataway, NJ. pp. 1046-1048.
- 1992 Shandley, J., **J. Franklin**, T. White and J. Rechel, Testing a segmentation procedure for defining regions in a digital image corresponding to natural vegetation stands, *GIS/LIS Proceedings*, San Jose, CA, Nov. 10-12, 1992, vol. 2, p. 700-708.
- 1992 Franklin, J., and J. Duncan, Testing the Li-Strahler four-component canopy reflectance model in the HAPEX-Sahel shrub savanna sites using ground reflectance data. *IGARSS '92: International Geoscience and Remote Sensing Symposium*, Houston TX, May 26-29, 1992, IEEE, Piscataway, NJ, vol. 1, p. 200-202.
- 1990 Franklin, J., F. Davis and P. Lefebvre. Geometric-optical modeling of Blue Oak woodland in California. *IGARSS '90: Proceedings of the International Geoscience and Remote Sensing Symposium*, IEEE, Piscataway, NJ, p. 1757.
- 1988 Strahler, A.H., Y. Wu, and **J. Franklin**, Remote estimation of tree size and density from satellite imagery by inversion of a geometric-optical canopy model, *Proceedings of the 22nd International Symposium on Remote Sensing of Environment*, Abijan, Cote d'Ivoire, October 1988, ERIM, Ann Arbor, MI, pp. 337-348.



- 1986 Franklin, J., X. Li, and A.H. Strahler, Canopy reflectance modeling in Sahelian and Sudanian woodland and savanna, *Proceedings of the Twentieth International Symposium on Remote Sensing of Environment*, Nairobi, Kenya, December 1986, ERIM, Ann Arbor, MI, pp. 1277-1286.
- 1985 Davis, F.W., S. Goetz, and **J. Franklin**, The use of digital satellite and elevation data in chaparral ecosystems research, *Proceedings of the Conference on Chaparral Ecosystems*, California Water Resources Center, University of California Report No. 62, Santa Barbara, May, 1985, pp. 19-27.
- 1984 Strahler, A.H., X. Li, and **J. Franklin**, Spatial/spectral modeling of conifer forest canopies, *Modeling and Simulation*, Proc. 15th Pittsburgh Conference and Simulation, vol. 15, pp. 19-21.
- 1982 Woodcock, C.E., **J. Franklin**, A.H. Strahler, and T.L. Logan, Improvements in forest classification and inventory using remotely sensed data, *Proceedings of the Sixteenth International Symposium on Remote Sensing of Environment*, Buenos Aires, Argentina, 1982, ERIM, Ann Arbor, MI, pp. 963-974.
- 1981 Cosentino, M.J., C.E. Woodcock, and **J. Franklin**, Scene analysis for wildfire fuels characteristics in a Mediterranean climate, *Proceedings of the Fifteenth International Symposium on Remote Sensing of Environment*, Ann Arbor, Michigan, 1981, ERIM, Ann Arbor, MI, pp. 635-646.

#### PROFESSIONAL AND COMMUNITY\* SERVICE

- 1996-present External reviewer, tenure and promotion cases (and habilitations): 1996 (1); 1997 (1); 1998 (1); 1999 (1); 2000 (3); 2003 (1); 2005 (2); 2006 (2); 2008 (4); 2010 (1); 2011 (2); 2012 (2); 2013 (2); 2014 (3); 2015 (4); 2016 (4); 2017 (4); 2018 (6); 2019 (6);
- 2019 External reviewer, Department of Geography, UCLA, Los Angeles, CA (20-22 Feb)
- 2017-2018 Co-Chair, Steering Committee, National Academy of Sciences – Royal Society Sackler Forum on *Climate Change and Ecosystems*, Washington DC Nov 8-9 2018.
- 2014-present Member, **Red List of Ecosystems (RLE) Committee for Scientific Standards** and RLE Thematic Group (D. Keith, Chair), International Union for the Conservation of Nature (IUCN) (Appointed Apr 2014). Goal: Review application guidelines and ecosystem risk assessments.
- 2012-present Member, GEO (Group on Earth Observations) BON Working Group 3: Terrestrial Ecosystem Change (Rob Jongman & Andrew Skidmore, Co-Chairs). Goal: harmonise mapping & monitoring of terrestrial ecosystems worldwide.
- 2017-present Associate Editor (Caribbean), US National Vegetation Classification (USNVC) Review Board
- 2016-2018 Commission Member, **IUCN Commission on Ecosystem Management**, North American and Caribbean Regional Network, International Union for the Conservation of Nature (IUCN)
- 2017 Participant, Women in Academia Forum, School of Geographical Sciences and Urban Planning, Arizona State University (April 25)
- 2016-2017 PLuS Alliance Fellow, Arizona State University.

- 2016-2017\* Member, Science Advisory Committee, McDowell Sonoran Conservancy Field Institute
- 2015-2017 Member, National Geographic Society Committee on Research and Exploration (CRE) <http://www.nationalgeographic.com/explorers/grants-programs/cre-members/>
- 2011-2013 Member, Analysis, Integration and Modeling of the Earth System (AIMES) Scientific Steering Committee (SSC) of the International Geosphere-Biosphere Programme (IGBP).
- 2013 Invited Participant, 22-24 Jul 2013, Google Geo for Higher Education Summit, Google Headquarters, Mountain View, CA.
- 2013\* Member, Scientific Panel, Fire and Wildlife Strategic Plan Workshop, US Geological Survey. San Diego CA. 13-14 Mar.
- 2012-2013 Organizing Committee, meeting facilitator and plenary speaker, Scaling Up: Early Career Scientists Workshop on Continental-Scale Population and Community Ecology and Education, Ecological Society of America (sponsored by National Science Foundation); 4-7 Jun 2013, Baltimore MD.
- 2009\* Volunteer Field Trip Leader, Fire and Restoration Ecology, 11th grade biology (Ms. Jesse Wade), Lake Hodges, Escondido, CA High Tech High Charter High School, San Diego, CA (2-3 June)
- 2009\* Volunteer Judge, Annual Science Fair, High Tech High Charter High School, San Diego, CA (4 February)
- 2008 Invited workshop co-organizer, The Utility of Species Distribution Models as Tools for Assessing Impacts of Climate Change, Riederalp, Switzerland (11-16 Aug)
- 2008\* Volunteer Judge, Annual Science Fair, High Tech High Charter High School, San Diego, CA (6 February)
- 2007-08\* Interviews on fire ecology and chaparral ecology given to Voice of San Diego, San Diego Union Tribune, and North County Times following the 2007 fire storm in San Diego County (October-February)
- 2007\* Volunteer Judge, Annual Science Fair, High Tech High Charter High School, San Diego, CA (24 January)
- 2005-06 Chair, Local Organizing Committee, 2006 US-IALE Annual Symposium, San Diego CA (28-31 Mar 2006)
- 2004 Invited guest, Beckman Center for Conservation Research Open Day and Annual Beckman Lecture on Conservation Biology, San Diego Zoological Society, Conservation and Research for Endangered Species, Nov 8.
- 2004\* Chaperone, High Tech Middle School study trip, California Science Center Body Worlds exhibit (human anatomy), Nov 5.
- 2004\* Newspaper interviews (effects of Cedar Fire on Cuyamaca Rancho State Park): San Diego Reader (10/14/04); North County Times (10/15/04); Los Angeles Times (10/26/04)
- 2004\* Invited panelist, Public symposium, The Cedar Fire and Cuyamaca Ranch State Park One Year Later: Recovery Expectations and Realities, The Anza Borrego Institute in partnership with California State Parks, October 16-17, Cuyamaca Rancho State Park, Descanso, CA.

- 2004 Member, Panel on Biodiversity, Biogeography and Modelling, US Geologic Survey, Geography Division, Strategic Planning Team, Jun 16, Sacramento State University, Sacramento, CA.
- 2000-2003 Member, Research Committee, Advisory to the Board of Trustees, San Diego Natural History Museum
- 1999-2000 Member, Scientific Review Panel, Western Riverside County Multiple Species Habitat Conservation Plan, Center for Conservation Biology, University of California, Riverside (Dr. Mike Allen, Chair).
- 1998-1999 Member, Academic Board, Commercial Remote Sensing Program, NASA John C. Stennis Space Center.
- 1998 Invited Participant, Workshop on Status and Trends in Spatial Analysis, Project Varenus, National Center for Geographic Information Science, Dec 10-12, Santa Barbara, CA.
- 1998 Faculty Facilitator, Professional Development Workshop, Vegetation Remote Sensing, Western Geography Graduate Student Conference, San Diego, CA, 13-15 Feb, 1998.
- 1993 Steering Committee Member, Second International Conference on Integrated Geographic Information Systems and Environmental Modeling, Sept 26-30, 1993, Breckenridge, CO.
- 1992\* Invited reviewer, Multi-Species Conservation Plan for San Diego (solicited by US Fish and Wildlife Service).
- 1991 Invited Participant, Teaching Seminar on Global Climate Change, Institute on Global Conflict and Cooperation, University of California, San Diego, La Jolla CA, Nov 15-16.
- 1991-1993 Member, Vegetation Classification Subcommittee, Regional Open-Space Planning Committee, San Diego Association of Governments.
- 1990 Invited Participant, National Center for Geographic Information and Analysis, Initiative 12 Workshop on the Integration of Remote Sensing and GIS, December 3-5, 1990, EROS Data Center, Sioux Falls, SD.
- 1988 Invited Participant, Second Results Symposium, International Land Surface Climatology Project (ISLSCP), Niamey, Niger, April 25-29, 1988.

### **Ad Hoc Manuscript Reviews**

7/1/19-6/30/20: Global Ecology & Biogeography (1); Nature (1); Nature Communications (1); PLoS One (1); CANA (1); Conservation Biology (1);

7/1/18-6/30/19: Nature Communications (1); Ecosystems (1); Plant Ecology (1); Nature Climate Change (1); Ecology (1); Ecotropica (1); Ecosystem Services (1); Caribbean Naturalist (1); Remote Sensing of Environment (1); Science (1);

7/1/17-6/30/18: Journal of Archaeological Science (1); Global Change Biology (1); Nature Climate Change (1); Science (1); Journal of Geophysical Research (1); Ecology (1); Agricultural and Forest Meteorology (1); Plant Ecology (1);

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|--------------|--|--------------|--|
| 2019-        | <i>Nature</i>                                | 2007         | <i>New Zealand Journal of Botany</i>                           |
| 2019-        | <i>Caribbean Naturalist</i>                  | 2006-present | <i>Journal of Biogeography</i>                                 |
| 2018-        | <i>Journal of Geophysical Research</i>       | 2005-present | <i>Landscape and Urban Planning</i>                            |
| 2018-        | <i>Agricultural &amp; Forest Meteorology</i> | 2005-        | <i>Pacific Science</i>   |
| 2017-        | <i>Methods in Ecology &amp; Evolution</i>    | 2005-present | <i>Ecological Modelling</i>                                    |
| 2017-        | <i>Annals of Botany</i>                      | 2004-        | <i>Ecological Complexity</i>                                   |
| 2017-        | <i>Ecosystems</i>                            | 2003-present | <i>Environmental Management</i>                                |
| 2017-        | <i>Human Evolution</i>                       | 2003-        | <i>Environmental Monitoring and Assessment</i>                 |
| 2017-        | <i>Science</i>                               | 2003-present | <i>Journal of Tropical Ecology</i>                             |
| 2017-        | <i>Nature Climate Change</i>                 | 2003-present | <i>Global Ecology and Biogeography</i>                         |
| 2016-        | <i>Nature Communications</i>                 | 2002-        | <i>Trans. GIS</i>  |
| 2016-        | <i>Proc Royal Soc B</i>                      | 2001         | <i>Biodiversity and Conservation</i>                           |
| 2016-        | GECCO  | 2001-present | <i>Forest Science</i>  |
| 2015-        | <i>Human &amp; Ecol. Risk Assess.</i>        | 1999-present | <i>Forest Ecology and Management</i>                           |
| 2013-        | <i>Global Change Biology Bioenergy</i>       | 1999-present | <i>Ecotropica</i>  |
| 2012-        | <i>Biological Invasions</i>                  | 1998-present | <i>Journal of Arid Environments</i>                            |
| 2012-        | <i>Biology</i>                               | 1996         | <i>J. Environmental Management</i>                             |
| 2012-        | <i>Journal of Applied Geography</i>          | 1997-present | <i>Landscape Ecology</i>                                       |
| 2012-        | <i>Int. J. Wildland Fire</i>                 | 1997-present | <i>Geographical Systems</i>                                    |
| 2012-        | <i>Ecology Letters</i>                       | 1996-present | <i>Annals AAG</i>  |
| 2012-present | PNAS   | 1996-present | <i>Canadian J. Forest Research</i>                             |
| 2012-        | <i>GIScience and Remote Sensing.</i>         | 1994-present | <i>Conservation Biology</i>                                    |
| 2010-        | <i>Trends in Ecology and Evolution</i>       | 1994-present | <i>GeoCarto International</i>                                  |
| 2010-        | <i>Oryx</i>                                  | 1993-present | <i>Ecological Applications</i>                                 |
| 2010-present | <i>Plant Ecology</i>                         | 1992-present | <i>International Journal of Geographic Information Systems</i> |
| 2009-        | <i>Remote Sensing</i>                        | 1991-present | <i>Journal of Vegetation Science</i>                           |
| 2009-present | <i>Global Change Biology</i>                 | 1990-present | <i>Remote Sensing of Environment</i>                           |
| 2009-present | <i>Biological Conservation</i>               | 1990-present | <i>Ecology, Ecological Monographs</i>                          |
| 2009-        | <i>Journal of Plant Research</i>             | 1989-present | <i>International J. Remote Sensing</i>                         |
| 2009-present | <i>Ecography</i>                             | 1989-present | <i>Climatic Change</i>   |
| 2008-present | <i>PLoS ONE</i>                              | 1988-present | <i>Photogrammetric Engineering and Remote Sensing</i>          |
| 2008-present | <i>Diversity and Distributions</i>           |              |  |
| 2007         | <i>Natural Areas Journal</i>                 |              |  |
| 2007-present | <i>Journal of Ecology</i>                    |              |  |

## **Proposal Reviews**

### Ad Hoc Proposal Reviews:

7/1/19-6/30/20:

7/1/18-6/30/19: NSF (1)

7/1/17-6/30/18: NSF (1)

|              |   |
|--------------|---|
| 2016-2017    | <b>Panel Member</b> , Geography and Spatial Sciences Program, National Science Foundation   |
| 2015         | Review Panelist, Grant Applications, USAID Partnerships for Enhanced Engagement in Research (PEER) Program, on behalf of the National Academies |
| 1990-present | Reviewer, Grant Applications, <b>National Science Foundation</b> (average 2/year).  |
| 1987-present | Reviewer, Grant Applications, <b>NASA</b>   |
| 2011         | Reviewer, Grant Applications, Swiss National Science Foundation.  |
| 2005-present | Reviewer, Grant Applications, Swedish National Space Board.   |

- 1990-present Reviewer, Grant Applications, National Geographic Society.  
 2000 Reviewer, Grant Applications, Natural Environment Research Council.  
 2000-present Reviewer, Grant Applications, Wildlife Conservation Society.  
 1994-1995 Member, NSF Panel, Dissertation proposals, Geography & Regional Science Program.  
 1994 Member, NSF Panel, EPA/EMAP-LTER, Ecosystems Program.  
 1991 Reviewer, Grant Applications, US Department of Agriculture.  
 1989-1995 Reviewer, Grant Applications, California Space Institute.  
 1988 Member, Interdisciplinary Evaluation Panel, EOS (the Earth Observation System) research proposals, NASA Office of Space Science and Applications (Greenbelt, Maryland), September 19-23, 1988.

## UNIVERSITY SERVICE

### University of California at Riverside

- 2019-2022 Undergraduate Advising Committee, Department of Botany and Plant Sciences (ex officio)  
 2019-2022 Executive Committee, College of Natural and Agricultural Sciences (CNAS)  
 2019 UC MEXUS-CONACYT Postdoctoral Fellowship and Collaborative Grant competitions; Plant Biology and Ecology Review Committee (service to UC systemwide)  
 2018-2021 Academic Planning Committee, Department of Botany and Plant Sciences  
 2018- Planning Committee, Minor in Spatial Analysis, School of Public Policy

### Arizona State University

- 2016-2017 Selection Committee, Regents' Professors  
 2014-2017 President Crow's Academic Council  
 2014-2017 Affiliated Faculty, Center for Biodiversity Outcomes  
 2012-2017 Member, Climate and Modeling Working Group, Center for Integrated Solutions to Climate Challenge, Arizona State University  
 2009-2017 Environmental Life Sciences (ELS) Doctoral Program Steering Committee Member  
 2012-2015 Academic Standards Committee, College of Liberal Arts and Sciences  
 2011 GIOS Futures Group, Strategic Planning for Global Institute of Sustainability

### School of Geographical Sciences and Urban Planning -- Arizona State University

- 2016-2017 Personnel Committee  
 2016-2017 Executive Committee  
 2014-2017 Graduate Admissions Committee (Chair 2014-15)  
 2014-2015 Executive Committee  
 2010-2014 Graduate Policy Committee  
 2011-2013 Personnel Committee  
 2011-12 Faculty Search Committee (climatology)  
 2010-11 Faculty Search Committee (geographic information science)  
 2009-10 Faculty Search Committee (urban climatology)  
 2009-2017 Tenure and Promotion Committee

### San Diego State University

- 2008-2009 Judge, Student Research Symposium, Div. Graduate and Research Affairs, San Diego State University (27-28 Feb)  
 2005-2009 Pre-professional Health Evaluation Committee (College of Sciences) (four years)

- 2006-2007 Research Committee (College of Sciences)  
 2004-2007 Mentor to Junior Faculty (H. Regan), SDSU Research Foundation PhP (Professors helping Professors) Program  
 2003-2007 Faculty Honors and Awards Committee  
 2003-2006 Senator, SDSU Faculty Senate, College of Sciences  
 2002 External Member, Faculty Search Committee, Plant Evolutionary Biology, Department of Biology  
 2001 Member, Review Panel, Graduate Dean and Vice President for Research  
 2000 Presenter, Workshop for Women PIs, San Diego State University Foundation, 28 April, 2000  
 2011-1998 Member, USGS Western Ecological Research Center-SDSU Liaison Committee  
 2000 Mentor to Junior Faculty (M. Pohl), SDSU Foundation PhP (Professors helping Professors) Program  
 1998-02 Member, SDSU Research Foundation, Board of Directors  
 1998-99 Search Committee, Dean, College of Sciences  
 1997-99 Steering Committee, Strategic Planning, SDSU Biological Field Stations  
 College of Arts & Letters, Research and Professional Leaves Committee  
 1992-93 College of Arts & Letters, Instructionally Related Activities Committee  
 1991-92 Presenter, College of Arts & Letters Workshops on Developing Successful Research Proposals, September 20, 1991, and May 15, 1992.  
 College of Arts & Letters, Instructionally Related Activities Committee  
 1990-91 College of Arts & Letters, Instructionally Related Activities Committee  
 1989-92 Member, Systems Ecology Research Group

### **Biology Department -- SDSU**

- 2006-2009 Policy and Planning Committee, Department of Biology  
 2007-2009 Peer Review Committee (Reappointment, Tenure and Promotion and Performance Evaluation)  
 2006-2009 Ecology Program Area Peer Review Committee  
 2006-2008 Ecology Program Area Vehicle Use Committee  
 2005- Ecology Program Area Curriculum Committee  
 2005-06 Faculty Search Committee, Global Change/Ecosystem Ecology  
 2004-05 Faculty Search Committee, Vertebrate Conservation Biologist  
 2002-06 Peer Review Committee (Reappointment, Tenure and Promotion)  
 2004-2006, Chair Peer Review Committee  
 2003-05 Ecology Program Area Quantitative Curriculum Committee (Chair)  
 2003-04 Ecology Program Area Structures, Policies and Procedures Committee  
 2002-03 Ad hoc Committee, Master's degree requirements, Ecology Program (Fall 2002)

### **Geography Department -- SDSU**

- 2000-2002 MA Advising Committee, Scholarships Committee  
 1999-2000 Hiring Committee (Chair); MA Advising Committee; Personnel Committee  
 1998-00 MA Advising Committee, Hiring Committee  
 1996-98 Internal Resources Committee, Doctoral Committee  
 1995-96 Policy Advisory Committee, Doctoral Committee  
 1994-95 Hiring Committee  
 1993-94 Policy Advisory Committee  
 1992-93 Ph.D. Committee  
 1991-92 Masters Advising Committee; Ph.D. Committee  
 1990-91 Budget Committee (Chair)

1989-90      Speakers' Committee (Chair); Budget Committee  
1988-89      Speakers Committee and Undergraduate Advising Committee

**UC-Santa Barbara**

1985      Panel member, Funding Forum for Graduate Women, Graduate Division Grant  
Development Workshops.  
1981-82      Graduate Student Faculty Representative

# Janet Franklin

## Merit (2020-2021)

**Name:** Janet Franklin

**NetId:** jfrankl

**Title:** Distinguished Professor and Biogeographer

**Review Department:** D01047 - Botany and Plant Sciences

**Period of Review:** 07/2017 - 09/2020

**Review Type:** Merit

**Generated:** 04/13/2022 04:35 PM

## Publications

### Current Bibliography of Publications

#### I. Technical/Scholarly

##### A. Journal Articles

###### **Published**

1. Woodcock, C.E., A.H. Strahler, and **J. Franklin**, 1983, Remote sensing for land management and planning, *Environmental Management* 7: 223-238. (Refereed)
2. **Franklin, J.**, J. Michaelsen, and A.H. Strahler, 1985, Spatial analysis of density dependent pattern in coniferous forest stands, *Vegetatio* 64: 29-36. (Refereed)
3. **Franklin, J.**, 1986, Thematic Mapper analysis of coniferous forest structure and composition, *International Journal of Remote Sensing* 7: 1287-1301. (Refereed)
4. **Franklin, J.**, T.L. Logan, C.E. Woodcock, and A.H. Strahler, 1986, Coniferous forest classification and inventory using Landsat and digital terrain data, *IEEE Transactions on Geoscience and Remote Sensing* GE-24: 139-149. (Refereed)
5. Getis, A. and **J. Franklin**, 1987, Second-order neighborhood analysis of mapped point patterns, *Ecology* 68: 473-4 (Refereed)
6. **Franklin, J.** and A.H. Strahler, 1988, Invertible canopy reflectance modeling of vegetation in semiarid savanna, *IEEE Transactions on Geoscience and Remote Sensing* GE-26: 809-825. (Refereed)
7. **Franklin, J.** and D. Steadman, 1991, The potential for conservation of Polynesian birds through habitat mapping a species translocation, *Conservation Biology* 5(4): 506-521. (Refereed)



8. **Franklin, J.** and P. Hiernaux, 1991, Estimating foliage and woody biomass in Sahelian and Sudanian woodlands using a remote sensing model, *International Journal of Remote Sensing* 12(6): 1387-1404. (Refereed)
9. **Franklin, J.**, S.D. Prince, A.H. Strahler, N.P. Hanan, and D.S. Simonett, 1991, Reflectance and transmission properties of West African savanna trees from ground radiometer measurements, *International Journal of Remote Sensing* 12(6): 1369-1385. (Refereed)
10. Davis, F.W., Quattrochi, D.A., Ridd, M.K., Lam, N.S-N., Walsh, S.J., Michaelsen, J.C., **Franklin, J.**, Stow, D.A., Johannsen, C.J. and Johnston, C.A., 1991, Environmental analysis using integrated GIS and remotely sensed data: some research needs and priorities, *Photogrammetric Engineering and Remote Sensing* 57(6) 689-697. (Refereed)
11. **Franklin, J.**, F.W. Davis and P. Lefebvre, 1991, Thematic Mapper analysis of tree cover in semiarid woodlands using a model of canopy shadowing, *Remote Sensing of Environment* 36: 189-202. (Refereed)
12. **Franklin, J.**, 1991, Land cover stratification using Landsat Thematic Mapper data in Sahelian and Sudanian woodland and wooded grassland, *Journal of Arid Environments* 20: 141-1163 (Refereed)
13. **Franklin, J.** and D.L. Turner, 1992, The application of a geometric optical canopy reflectance model to semiarid shrub vegetation, *IEEE Transactions on Geoscience and Remote Sensing* 30(2): 293-301. (Refereed)
14. **Franklin, J.** and M. Merlin, 1992, Species-environment patterns of forest vegetation on the uplifted reef limestone Atiu, Mitiaro and Makuru, Cook Islands, *Journal of Vegetation Science* 3: 3-14. (Refereed)
15. Duncan, J., D. Stow, **J. Franklin** and A. Hope, 1993, Assessing the relationship between spectral vegetation indices and shrub cover in the Jornada Basin, New Mexico, *International Journal of Remote Sensing* 14: 3395-3416. (Refereed)
16. **Franklin, J.**, J. Duncan and D. L. Turner, 1993, Reflectance of vegetation and soil in Chihuahuan desert plant communities from ground radiometry using SPOT wavebands, *Remote Sensing of Environment* 46: 291-304. (Refereed)
17. **Franklin, J.** 1993, Discrimination of tropical vegetation types using SPOT multispectral data, *GeoCarto* 8: 57-63. (Refereed)
18. Hanan, N.P., S.D. Prince and **J. Franklin**, 1993, Reflectance properties of West African savanna trees from ground radiometer measurements II. Classification of reflectance components, *International Journal of Remote Sensing* 14: 1081-1097. (Refereed)
19. **Franklin, J.**, J. Duncan, A.R. Huete, W.J.D. van Leeuwen, X. Li and A. Begue, 1994, Radiative transfer in shrub savanna sites in Niger -- preliminary results from HAPEX-II/Sahel: 1. Modeling surface reflectance using a

- geometric-optical approach, *Agricultural and Forest Meteorology* 69: 223-245. (Refereed)
20. van Leeuwen, W.J.D., A.R. Huete, J. Duncan and **J. Franklin**, 1994, Radiative transfer in shrub savanna sites in Niger -- preliminary results from HAPEX-II/Sahel: 3. Optical dynamics and vegetation index sensitivity to biomass and plant cover, *Agricultural and Forest Meteorology* 69: 267-288. (Refereed)
  21. Shandley, J., **J. Franklin**, and T. White, 1996, Testing the Woodcock-Harward segmentation algorithm in an area of southern California chaparral and woodland vegetation, *International Journal of Remote Sensing* 17(5): 983-1004. (Refereed)
  22. Phinn, S., **J. Franklin**, D. Stow, A. Hope and L. Huenneke, 1996, Biomass distribution mapping using airborne digital video imagery and spatial statistics in a semi-arid environment, *Journal of Environmental Management* 47(2): 139-165. (Refereed)
  23. **Franklin, J.**, 1998, Predicting the distributions of shrub species in California chaparral and coastal sage communities from climate and terrain-derived variables, *Journal of Vegetation Science* 9: 733-748. (Refereed)
  24. Abeyta, A. and **J. Franklin**, 1998, The accuracy of vegetation stand boundaries derived from image segmentation in a desert environment, *Photogrammetric Engineering and Remote Sensing* 64(1): 59-66. (Refereed)
  25. Steadman, D. W., **J. Franklin**, D. R. Drake, H. B. Freifeld, L. A. Bolick, D. S. Smith and T Motley, 1999, Conservation status of forests and vertebrate communities in the Vava'u Island Group, Tonga, *Pacific Conservation Biology* 5: 191-207. (Refereed)
  26. Carpenter, G. A., S. Gopal, S. Macomber, S. Martens, C. E. Woodcock and **J. Franklin**, 1999, A neural network method for efficient vegetation mapping, *Remote Sensing of Environment* 70(3): 326-338. (Refereed)
  27. **Franklin, J.**, D. R. Drake, L. A. Bolick, D. S. Smith and T Motley, 1999, Rain forest composition and patterns of secondary succession in the Vava'u Island Group, Tonga, *Journal of Vegetation Science* 10(1): 51-64. (Refereed)
  28. Swenson, J. J. and **J. Franklin**, 2000, The effects of future urban development on habitat fragmentation in the Santa Monica Mountains, *Landscape Ecology* 15(8): 713-730. (Refereed)
  29. **Franklin, J.**, C. E. Woodcock, and R. Warbington, 2000, Digital vegetation maps of forest lands in California: Integrating satellite imagery, GIS modeling, and field data in support of resource management, *Photogrammetric Engineering and Remote Sensing* 66(10): 1209-1217. (Refereed)
  30. Steadman, D.W. and **J. Franklin**, 2000, A preliminary survey of landbirds on Lakeba, Lau Group, Fiji, *Emu* 100: 227-235. (Refereed)

31. Rogan, J., and **J. Franklin**, 2001, Mapping wildfire burn severity in southern California forests and shrublands using Enhanced Thematic Mapper imagery, *GeoCarto International* 16(4): 89-99. (Refereed)
32. **Franklin, J.**, D. Simons, D. Beardsley, H. Gordon and J. M. Rogan, 2001, Evaluating errors in a digital vegetation map with forest inventory data and accuracy assessment using fuzzy sets, *Transactions in GIS* 5(4): 285-304. (Refereed)
33. Meentemeyer, R., A. Moody, and **J. Franklin**. 2001, Landscape-scale patterns of shrub-species abundance in California chaparral: the role of topographically mediated resource gradients, *Plant Ecology*, 156(1): 19-41 (Refereed)
34. **Franklin, J.**, A. D. Syphard, R. P. Martin, D. J. Mladenoff, H. S. He, D. K. Simons, D. Deutschman, and J. F. O'Leary, 2001, Simulating the effects of different fire regimes on plant functional groups in Southern California, *Ecological Modelling* 142(3): 261-283. (Refereed)
35. Miller, J. and **J. Franklin**, 2002, Predictive vegetation modeling with spatial dependence -- vegetation Alliances in the Mojave Desert, *Ecological Modelling* 157:227-247. (Refereed)
36. **Franklin, J.**, 2002, Enhancing a regional vegetation map with predictive models of dominant plant species in chaparral, *Applied Vegetation Science* 5: 135-146. (Refereed)
37. Rogan, J., **J. Franklin**, and D. A. Roberts, 2002, A comparison of methods for monitoring multitemporal vegetation change using Thematic Mapper imagery, *Remote Sensing of Environment* 80(1): 143-156. (Refereed)
38. **Franklin, J.**, 2003, Regeneration and growth of pioneer and shade-tolerant rain forest trees in Tonga, *New Zealand Journal of Botany* 41(4): 669-684. (Refereed)
39. Rogan, J., J. Miller, D. Stow, **J. Franklin**, L. Levien and C. Fischer, 2003, Land cover change monitoring in southern California using multitemporal Landsat TM and ancillary data, *Photogrammetric Engineering and Remote Sensing* 69(7): 793-804. **2004 Leica Geosystems Award for Best Scientific Paper in Remote Sensing published in PER** (Refereed)
40. Scull, P., **J. Franklin**, and D. McArthur, 2003, Predictive soil mapping: a review, *Progress in Physical Geography* 27(2): 171-197 (Refereed)
41. **Franklin, J.**, 2003, Clustering versus regression trees for determining Ecological Land Units in the southern California mountains and foothills, *Forest Science*, Special Issue on Forestry Remote Sensing, 49(3): 354-368. (Refereed)
42. Phinn, S.R., D.S. Stow, **J. Franklin**, L.A.K. Mertes and J. Michaelsen, 2003, Optimizing remotely sensed data for

ecosystem analyses: combining hierarchy theory and scene models, *Environmental Management* 31(3): 429-441. (Refereed)

43. Syphard, A. D. and **J. Franklin**, 2004. Spatial aggregation effects on the simulation of landscape pattern and ecological processes in southern California plant communities, *Ecological Modelling* 180(1): 21-40. (Refereed)
44. **Franklin, J.**, C. Coulter and S. J. Rey, 2004, Change over 70 years in a southern California chaparral community related to fire history, *Journal of Vegetation Science* 15: 701-710. (Refereed)
45. McConkey, K. R., D. R. Drake, **J. Franklin**, and F. Tonga, 2004, Effects of Cyclone Waka on fruit bat populations Tonga, *Journal of Tropical Ecology* 20(4): 555-561. (Refereed)
46. **Franklin, J.**, D. R. Drake, K. R. McConkey, F. Tonga and L. B. Smith, 2004, The effects of Cyclone Waka on the structure of lowland tropical rain forest in Vava'u, Tonga, *Journal of Tropical Ecology*, 20(4): 409-420. (Refereed)
47. Wells, M. L., J. F. O'Leary, **J. Franklin, J.** Michaelsen and D. E. McKinsey, 2004, Variations in a regional fire regime related to vegetation type in San Diego County, California, *Landscape Ecology*, 19: 139-152 (Refereed)
48. **Franklin, J.**, A. D. Syphard, H. He and D. Mladenoff, 2005, Altered fire regimes affect landscape patterns of plant succession in the foothills and mountains of southern California, *Ecosystems* 8(8): 885-898; submitted 2/18/04, published 12/05. (Refereed)
49. Hines, E. M., **J. Franklin** and J. R. Stephenson, 2005, Estimating the effects of map error on habitat delineation for the California Spotted Owl in southern California, *Transactions in GIS* 9(4): 541-559. (Refereed)
50. Scull, P., O.A. Chadwick, **J. Franklin**, and G. Okin, 2005, A comparison of prediction methods to create spatially distributed soil property maps using soil survey data for an alluvial basin in the Mojave Desert, California, *Professional Geographer* 57(3): 423-437. (Refereed)
51. Syphard, A. D., K. Clarke and **J. Franklin**, 2005, Using a cellular automaton model to forecast the effects of urban growth on habitat pattern in southern California, *Ecological Complexity* 2: 185-203. (Refereed)
52. Akçakaya, H. R., **J. Franklin**, A. D. Syphard, and J. R. Stephenson, 2005, Viability of Bell's Sage Sparrow (*Amphispiza belli* ssp. *belli*) under altered fire regimes, *Ecological Applications* 15(2): 521-531. (Refereed)
53. Scull, P., **J. Franklin**, and O. Chadwick, 2005, The application of classification tree analysis to soil type prediction a desert landscape, *Ecological Modelling* 181(1): 1-15. (Refereed)
54. Comer Santos, K., C. Tague, A. C. Alberts and **J. Franklin**, 2006, Sea turtle nesting on the US Naval Station,

- Guantanamo Bay, Cuba: A comparison of habitat suitability index models, *Chelonian Conservation and Biology* v. 5(2): 175-187. (Refereed) [https://doi.org/10.1043/1071-8443\(2006\)5\(2\):175-187](https://doi.org/10.1043/1071-8443(2006)5(2):175-187).
55. **Miller, J.**, and **J. Franklin**, 2006, Explicitly incorporating spatial dependence in predictive vegetation models as explanatory variables: a Mojave Desert case study, *Journal of Geographical Systems* 9(4): 411-435. (Refereed) <https://doi.org/10.1007/s10109-006-0035-8>
  56. **Franklin, J.**, **Spears-Lebrun, L.**, D. Deutschman, and K. Marsden, 2006, Impact of a high-intensity fire on mixed evergreen and mixed conifer forests in the Peninsular Ranges of southern California, USA, *Forest Ecology and Management* 235: 18-29. (Refereed) <https://doi.org/10.1016/j.foreco.2006.07.023>.
  57. **Syphard A. D.**, **J. Franklin**, and J. E. Keeley, 2006, Simulating the effects of frequent fire on southern California coastal shrublands, *Ecological Applications* 16(5): 1744-1756. (Refereed)
  58. **Franklin, J.**, S. Wisser, D. R. Drake, L. Burrows and W. Sykes, 2006, Environment, disturbance history and rain forest composition across the islands of Tonga, Western Polynesia, *Journal of Vegetation Science* 17:233-244. (Refereed)
  59. **Franklin, J.**, 2007, Recovery from clearing, cyclone and fire in rain forest of Tonga, South Pacific: vegetation dynamics 1995-2005, *Austral Ecology* 32(7): 789-797. (Refereed) <https://doi.org/10.1111/j.1442-9993.2007.01766>
  60. **Schmalbach, H.**, **J. Franklin** and J. F. O'Leary, 2007, Patterns of post-fire regeneration in a southern California mixed chaparral community, *Madroño* 54(1): 1-12. (Refereed)
  61. Fall, P. L., Drezner, T. D., **Franklin, J.**, 2007, Dispersal ecology of the lowland rainforest in the Vava'u Islar Group, Kingdom of Tonga, *New Zealand Journal of Botany* 45: 393-417. (Refereed)
  62. **Syphard A. D.**, J. Yang, **J. Franklin**, H. S. He and J. E. Keeley, 2007, Calibrating a forest landscape model to simulate high fire frequency in Mediterranean-type shrublands, *Environmental Modelling and Software* 22: 1641-1653. (Refereed) <https://doi.org/10.1016/j.envsoft.2007.01.004>
  63. **Miller, J.**, **J. Franklin** and R. Aspinall, 2007, Incorporating spatial dependence in predictive vegetation models, *Ecological Modelling* 202: 225-242 (Refereed) <https://doi.org/10.1016/j.ecolmodel.2006.12.012>
  64. **Syphard, A. D.**, K. C. Clarke and **J. Franklin**, 2007, Simulating frequent fire and urban growth in southern California coastal shrublands, USA, *Landscape Ecology* 22: 431-445 (Refereed) <https://doi.org/10.1007/s10980-006-9025-y>
  65. Stow, D., **Petersen, A.**, **J. Franklin**, and **J. Rogan**, 2007, Mapping fire effects on Mediterranean type vegetation using satellite multispectral data, *GIScience and Remote Sensing* 44(1): 1-23. (Refereed)

66. **Franklin, J.** and S. J. Rey, 2007, Spatial patterns of tropical forest trees in Western Polynesia suggest recruitment limitations during secondary succession, *Journal of Tropical Ecology* 23: 1-12. (Refereed) <https://doi.org/10.1017/S0266467406003774>
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68. **Franklin, J.**, G. Keppel and W. A. Whistler, 2008. The flora and vegetation of Lakeba, Nayau and Aiwa Islands, Central Lau Group, Fiji, *Micronesica* 40(1/2): 169-225. (Refereed)
69. Hierl, L. A., **Franklin, J.**, Deutchman, D. H., Regan, H. M., and Johnson, B. S., 2008, Assessing and prioritizing ecological communities for monitoring in a regional habitat conservation plan, *Environmental Management* 42(1): 165-179. (Refereed) <https://doi.org/10.1007/s00267-008-9109-3>
70. Rogan, J., **J. Franklin**, D. Stow, J. Miller, D.A. Roberts, and C. Woodcock, 2008, Mapping land cover modification over large areas: a comparison of machine learning techniques. *Remote Sensing of Environment* 112(5):2272-2283. (Refereed) <https://doi.org/10.1016/j.rse.2007.10.004>
71. Regan, H. M., Hierl, L. A., **Franklin, J.**, Deutchman, D. H., Schmalbach, H., Winchell, C. S. and Johnson, B. S., 2008, Species prioritisation for monitoring and management in regional multiple species conservation plans, *Diversity and Distributions* 14: 462-47. (Refereed) <https://doi.org/10.1111/j.1472-4642.2007.00447.x>
72. Syphard, A. D.\* and **Franklin, J.**, 2009, Differences in spatial predictions among species distribution modeling methods vary with species traits and environmental predictors, *Ecography* 32:907-918. (Refereed) <https://doi.org/10.1111/j.1600-0587.2009.05883.x>
73. Keeley, J. E., Safford, H., Fotheringham, C.J., **Franklin, J.**, and Moritz, M., 2009, The 2007 Southern California wildfires: Lessons in complexity, *Journal of Forestry* 107:287-296. (Refereed)
74. Lewison, R. L., Soykan, C.\* and **Franklin, J.**, 2009, Mapping the bycatch seascape: Multi-species and multi-scale spatial patterns of fisheries bycatch, *Ecological Applications* 19(4): 920-930. (Refereed)
75. **Franklin, J.**, Wejnert, K., Hathaway, S., Rochester, C. and Fisher, R., 2009, Effect of species rarity on the accuracy of species distribution models for reptiles and amphibians in southern California, *Diversity and Distributions* 15: 167-177. (Refereed) <https://doi.org/10.1111/j.1472-4642.2008.00536.x>
76. Hamada, Y., Stow, D. A., and **Franklin, J.**, 2010. Quantifying biological integrity of California sage scrub communities: fractional cover and use of remote sensing, *Journal of Mediterranean Ecosystems* 10:19-32. (Refereed)
77. **Franklin, J.**, and D. W. Steadman, 2010. Forest plant and bird communities in the Lau Group, Fiji, *PLoS One* 5(12)

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78. Lawson, D. M., Regan, H. M., Zedler, P. H. and **Franklin, J.**, 2010, Cumulative effects of land use, altered fire regime and climate change on persistence of *Ceanothus verrucosus*, a rare, fire-dependent plant species, *Global Change Biology* 16(9):2518-2529. (Refereed) <https://doi.org/10.1111/j.1365-2486.2009.02143.x>
79. Blodgett, N., Stow, D. A., Hope, A. and **Franklin, J.**, 2010, Effect of fire weather, fuel age and topography on patterns of remnant vegetation following a large fire event in southern California, USA, *International Journal of Wildland Fire* 19:415-426 (Refereed)
80. Regan, H. M., Crookston, J. B., Swab, R., **Franklin, J.**, and Lawson, D. M. 2010, Habitat fragmentation and altered fire regime create trade-offs for an obligate seeding shrub, *Ecology* 91(4):1114-1123 (Refereed)
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82. Syphard, A. D.\* and **Franklin, J.**, 2010, Species' functional type affects the accuracy of species distribution models for plants in southern California, *Journal of Vegetation Science* 21(1):177-189. (Refereed) <https://doi.org/10.1111/j.1654-1103.2009.01133.x>
83. Syphard, A. D., K. C. Clarke, **J. Franklin**, H. M. Regan and M. McGinnis, 2011. Forecasts of habitat loss and fragmentation due to urban growth are sensitive to input data quality and scale. *Journal of Environmental Management* 92:1882-1893 (Refereed) <https://doi.org/10.1016/j.jenvman.2011.03.014>
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87. Conlisk, E.\*, Lawson, D., Syphard, A. D., **Franklin, J.**, Flint, A., Flint, L., Regan, H. M. 2012. The roles of dispersal, fecundity, and predation in the population viability of an oak species (*Quercus engelmannii*) under global change. *PLoS One* 7(5): e36391. (Refereed) <https://doi.org/10.1371/journal.pone.0036391>

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89. **Franklin, J.** and Steadman, D. W., 2013, Winter bird communities in pine woodland vs. broadleaf forest on Abaco, The Bahamas, *Caribbean Naturalist* 3:1-18. (Refereed)  
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90. Dingman, J.\*, Sweet, L.\*, McCullough, I., Davis, F.W., Flint, A., **Franklin, J.**, and Flint, L., 2013, Cross-scale modeling of surface temperature and seedling establishment to improve projections of tree species distribution shift under climate change, *Ecological Processes* 2:30. (Refereed) <https://doi.org/10.1186/2192-1709-2-30>  
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<https://doi.org/10.1111/ddi.12125>
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## G. Edited Books

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1. van der Maarel, E. and **Franklin, J.** (eds.), Jan 2013. *Vegetation Ecology, 2<sup>nd</sup> ed.*, John Wiley & Sons, West Sussex UK. 530 p. ISBN: 978-1-4443-3888-1 (Refereed)

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## J. Book Reviews

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2. **Franklin, J.**, Book review of *Biogeography: Introduction to Space, Time and Life*. Glen MacDonald. New York: John Wiley and Sons, Inc. 2003, *The Professional Geographer*, vol. 55, no. 2, pp. 283-285. (Refereed)

## M. Technical Reports

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1. Woodcock, C.E., **J. Franklin**, A.H. Strahler, and T.L. Logan, 1980, *Labeling Manually Delineated Timber Stands Using a Landsat-Based Stratification*, Final Report, USFS Contract 53-9158-0-6362. (Refereed)
2. Franklin, J., A.H. Strahler, and C.E. Woodcock, *Land Use Planning Technologies Applied to Croplands and Rangelands*, Final Report, U.S. Congress Office of Technology Assessment Contract 03303780.0, 44 p. (Refereed)
3. Strahler, A.H., **J. Franklin**, C.E. Woodcock, and T.L. Logan, *FOCIS: A Forest Classification and Inventory System Using Landsat and Digital Terrain Data*, Final Report, NASA Contract 9-15509, 60 p. (Refereed)

4. Cosentino, M.J., C.E. Woodcock, and **J. Franklin**, *U.S. Forest Service Vegetative Fuels Research Final Report*, USDA Forest Service Grant 53-9158-06411, 20 p. (Refereed)
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6. **Franklin, J.**, ed., *The Pilot Land Data System: Report of the program planning workshops*, NASA Technical Memorandum 86250, The Pilot Land Data System Working Group, NASA Office of Space Science and Applications, Washington, DC. (Refereed)
7. **Franklin, J.**, *Improved Methods of Monitoring Vegetation Structure and Change for Input to Landscape Scale Ecosystem Process Models*, Final Report NSF Award SES-89-08941, 4 p. (Refereed)
8. Whitford, W.G., et al., *Desertification: Processes and Implications*. Jornada LTER II Progress Report, NSF Award DEB 92-40261, 1989-1990. (Refereed)
9. Stow, D. and **J. Franklin**. *An Examination of the Utility of Satellite Imagery for Mapping Vegetation in San Diego County*. Final Report, San Diego Association of Governments. (Refereed)
10. **Franklin, J.**, *Forest Service Southern California Mapping Project: Final Report for the Four Southern Forests*, USFS Contract No. 53-91S8-3-TM45. (Refereed)
11. **Franklin, J.** and J. Duncan, Geometric-optical mixture modelling of bush canopies, pp. 125-135 in: Kabat, P., S.D. Prince and L. Prihodko (Eds.), *Hydrologic Atmospheric Pilot Experiment in the Sahel (HAPEX-Sahel): Methods, Measurements and Selected Results from the West Central Supersite*, Report 130, DLO Winand Staring Centre, Wageningen, The Netherlands. (Refereed)
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15. Klopatek, J. M., R. C. Balling, Jr., A. W. Brazel, **J. Franklin** and C. J. Watts, *Land-use change along the United States-Mexico border: ecosystem effects and climate feedbacks*, Final Report on Grant PP96IV-2, US-EPA and

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16. Stow, D., **J. Franklin**, A. Hope, J. O'Leary, R. Wright P. Longmire, and E. Almanza, *An assessment of the potenti of geo-spatial technologies for monitoring shrubland habitats in Southern California*, Final Report, prepared for San Diego Gas and Electric, Electrical Power Research Institute, Technology Advisory Committee, 60 p. (Refereed)
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## N. Meeting Reports

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## T. Other Publications

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1. Gutzwiller, K. J., Dibble, E. D. and **Franklin, J.**, 2015, In memoriam: Samuel K. Riffell (1970-2014). *Landscape Ecology* 30:959-962 (Refereed)

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#### A. Journal Articles

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## B. Books

### Published

1. **Franklin, J.**, 2010, *Mapping Species Distributions: Spatial Inference and Prediction*, Cambridge University Press, Cambridge, UK. ISBN 978-0-521-87635-3 hb; 978-0-521-7002-3 pb. 338 pp. (Refereed)

## D. Book Chapters

### Published

1. **Franklin, J.** and Woodcock, C.E., 1997, Multiscale vegetation data for the mountains of Southern California: spatial and categorical resolution, in: *Scale in remote sensing and GIS*, D. A. Quattrochi and M. F. Goodchild, eds., CRC/Lewis Publishers Inc., Boca Raton, FL., 141-168 (Refereed)
2. **Franklin, J.**, **P. McCullough**, and **C. Gray**. 2000, Terrain variables used for predictive mapping of vegetation communities in Southern California, in *Terrain Analysis: Principles and Applications*, J. P. Wilson and J. C. Gallari (eds.), John Wiley & Sons, New York, 331-353 (Refereed)
3. **Franklin, J.**, Keeler-Wolf, T., Thomas, K., Shaari, D. A., Stine, P., Michaelsen, J. and **Miller, J.**, 2001, Stratified sampling for field survey of environmental gradients in the Mojave Desert Ecoregion, in *GIS and Remote Sensing Applications in Biogeography and Ecology*, A. Millington, S. J. Walsh and P. Osborne, Editors, Kluwer Academic Publishers, Netherlands, 229-253 (Refereed)
4. **Franklin, J.**, 2001, Geographic information science and ecological assessment, in *An Integrated Ecological Assessment Protocols Guidebook*, P. Bourgeron, M. Jensen and G. Lessard (eds.), Springer-Verlag, New York, 151-161 (Refereed)
5. Thomas, K., Keeler-Wolf, T. and **Franklin, J.**, 2002, A comparison of fine- and coarse-resolution environmental variables toward predicting vegetation distribution in the Mojave Desert, in *Predicting Species Occurrences: Issues of Accuracy and Scale*, J. M. Scott, P. J. Heglund, M. Morrison, M. Raphael, J. Haufler and B. Wall, Editors, Island Press, Covello, CA, 133-139. (Refereed)

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10. **Franklin, J.**, 2010, Spatial point pattern analysis of plants, in, *Perspectives on spatial data analysis*, **Rey, S. J. and Anselin, L.**, editors, Springer, New York, 113-123. ISSN 1430-9602 (Refereed)  
<https://doi.org/10.1007/978-3-642-01976-0>
11. Keeley, J. E., **Franklin, J.**, and D'Antonio, C., 2011, Fire and invasive plants on California landscapes, in *The Landscape Ecology of Fire*, D. McKenzie, D. Falk, C. Miller, and L.-K. Kellogg, editors, Springer, New York, 193-221 (Ch 8). (Refereed) [https://doi.org/10.1007/978-94-007-0301-8\\_8](https://doi.org/10.1007/978-94-007-0301-8_8)
12. van der Maarel, E. and **Franklin, J.**, 2013, Vegetation ecology – historical notes and outline (Ch 1), in van der Maarel, E. and Franklin, J. (eds.), *Vegetation Ecology*, 2<sup>nd</sup> ed., John Wiley & Sons, West Sussex, UK, pp. 1-27. (Refereed)
13. **Franklin, J.**, 2013, Vegetation mapping (Ch 16), in van der Maarel, E. and Franklin, J. (eds.), *Vegetation Ecology*, <sup>nd</sup> ed., John Wiley & Sons, West Sussex, UK, pp. 488-510. (Refereed)

## F. Review Articles

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2. **Franklin, J.**, 2010, Moving beyond static species distribution models in support of conservation biogeography, *Diversity & Distributions* 16(3): 321-330. DOI: 10.1111/j.1472-4642.2010.00641.x (Refereed)

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3. **Franklin, J.**, 2013, Species distribution models in conservation biogeography: developments and challenges *Diversity and Distributions* 19:1217-1223. DOI: 10.1111/ddi.12125 (Refereed, Electronic)  
<https://doi.org/10.1111/ddi.12125>
4. **Franklin, J.**, Potts, A.J.\*, Fisher, E.C., Cowling, R.M. and Marean, C.W., 2015, Paleodistribution modeling in archaeology and paleoanthropology, *Quaternary Science Reviews* 110:1-14. 10.1016/j.quascirev.2014.12.015 (Refereed) <https://doi.org/10.1016/j.quascirev.2014.12.015>
5. **Franklin, J.**, Serra-Diaz, J.M.\*, Syphard, A.D., Regan, H.M., 2016, Global change and terrestrial plant community dynamics, *Proceedings of the National Academy of Sciences, USA* 113(14): 3725-3734 (Refereed)  
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## G. Edited Books

### Published

1. van der Maarel, E. and **Franklin, J.** (eds.), Jan 2013. *Vegetation Ecology*, 2<sup>nd</sup> ed., John Wiley & Sons, West Sussex UK. 530 p. ISBN: 978-1-4443-3888-1 (Refereed)

## H. Edited Special Issues Journals

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2. Laffan, S. W., A. K. Skidmore and **J. Franklin**, 2012, Geospatial analysis of species, biodiversity and landscapes: introduction to the second special issue on spatial ecology, *International Journal of Geographical Information Science* 26(11):2003-2007. (Refereed) <https://doi.org/10.1080/13658816.2012.721557>
3. Laffan, S. W., A. K. Skidmore and **J. Franklin**, 2014, Species diversity and distribution, habitat selection and connectivity: introduction to the 3rd special issue on spatial ecology, *International Journal of Geographical Information Science* 28(8):1527-1530. (Refereed) <https://doi.org/10.1080/13658816.2014.902950>
4. Laffan, S. W., A. K. Skidmore and **J. Franklin**, 2016, Space, time, connectivity and conflict in biological landscape: introduction to the 4th special issue on spatial ecology, *International Journal of Geographical Information Science* 30(1):1-4. (Refereed) <https://doi.org/10.1080/13658816.2015.1090001>

## J. Book Reviews



## Published

1. **Franklin, J.**, Geographical analysis supports ecosystem management [book review of *Remote sensing and GIS in ecosystem management*, V.A. Sample (ed.), Island Press, Washington D.C., 1994], *Ecology*, vol. 76, no. 6, pp. 2016-2017. (Refereed)
2. **Franklin, J.**, Book review of *Biogeography: Introduction to Space, Time and Life*. Glen MacDonald. New York: John Wiley and Sons, Inc. 2003, *The Professional Geographer*, vol. 55, no. 2, pp. 283-285. (Refereed)

## M. Technical Reports

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1. Woodcock, C.E., **J. Franklin**, A.H. Strahler, and T.L. Logan, 1980, *Labeling Manually Delineated Timber Stands Using a Landsat-Based Stratification*, Final Report, USFS Contract 53-9158-0-6362. (Refereed)
2. Franklin, J., A.H. Strahler, and C.E. Woodcock, *Land Use Planning Technologies Applied to Croplands and Rangelands*, Final Report, U.S. Congress Office of Technology Assessment Contract 03303780.0, 44 p. (Refereed)
3. Strahler, A.H., **J. Franklin**, C.E. Woodcock, and T.L. Logan, *FOCIS: A Forest Classification and Inventory System Using Landsat and Digital Terrain Data*, Final Report, NASA Contract 9-15509, 60 p. (Refereed)
4. Cosentino, M.J., C.E. Woodcock, and **J. Franklin**, *U.S. Forest Service Vegetative Fuels Research Final Report*, USDA Forest Service Grant 53-9158-06411, 20 p. (Refereed)
5. Strahler, A.H., C.E. Woodcock, T.L. Logan, **J. Franklin**, H. Bowlin, and J. Levitan, *Automated Forest Classification and Inventory in the Eldorado National Forest*, USDA Forest Service, San Francisco, CA, 48 p. (Refereed)
6. **Franklin, J.**, ed., *The Pilot Land Data System: Report of the program planning workshops*, NASA Technical Memorandum 86250, The Pilot Land Data System Working Group, NASA Office of Space Science and Applications, Washington, DC. (Refereed)
7. **Franklin, J.**, *Improved Methods of Monitoring Vegetation Structure and Change for Input to Landscape Scale Ecosystem Process Models*, Final Report NSF Award SES-89-08941, 4 p. (Refereed)
8. Whitford, W.G., et al., *Desertification: Processes and Implications*. Jornada LTER II Progress Report, NSF Award DEB 92-40261, 1989-1990. (Refereed)
9. Stow, D. and **J. Franklin**. *An Examination of the Utility of Satellite Imagery for Mapping Vegetation in San Diego County*. Final Report, San Diego Association of Governments. (Refereed)
10. **Franklin, J.**, *Forest Service Southern California Mapping Project: Final Report for the Four Southern Forests*,

11. **Franklin, J.** and J. Duncan, Geometric-optical mixture modelling of bush canopies, pp. 125-135 in: Kabat, P., S.D Prince and L. Prihodko (Eds.), *Hydrologic Atmospheric Pilot Experiment in the Sahel (HAPEX-Sahel): Methods, Measurements and Selected Results from the West Central Supersite*, Report 130, DLO Winand Staring Centre, Wageningen, The Netherlands. (Refereed)
12. **Franklin, J.**, J. J. Swenson and D. Shaari, Map of existing vegetation and land cover for the Santa Monica Mountain National Recreation area; summary of map accuracy, Unpublished Technical Report to the SMMNRA, Department of Geography, San Diego State University. (Refereed)
13. **Franklin, J.**, D.W. Steadman and D.R. Drake, *Effects of disturbance on biogeography of Tongan plants and birds: report of research activities*. Final Report, National Geographic Society Award 5132-93. (Refereed)
14. Carpenter, G, Gopal, S., Macomber, S., Martens, S., Woodcock, C. and **Franklin, J.**, *A neural network method for efficient vegetation mapping*. Technical Report CAS/CNS-98-035, Center for Adaptive Systems, Department of Cognitive and Neural Systems, Boston University, 31 p. (Refereed)
15. Klopatek, J. M., R. C. Balling, Jr., A. W. Brazel, **J. Franklin** and C. J. Watts, *Land-use change along the United States-Mexico border: ecosystem effects and climate feedbacks*, Final Report on Grant PP96IV-2, US-EPA and Southwest Center for Environmental Research and Policy (SCERP). (Refereed)
16. Stow, D., **J. Franklin**, A. Hope, J. O'Leary, R. Wright P. Longmire, and E. Almanza, *An assessment of the potential of geo-spatial technologies for monitoring shrubland habitats in Southern California*, Final Report, prepared for San Diego Gas and Electric, Electrical Power Research Institute, Technology Advisory Committee, 60 p. (Refereed)
17. Stow, D, J. O'Leary, L. Coulter, A. Hope, **J. Franklin**, and six other authors, *Application of digital imaging technologies for monitoring and managing MSCP/NCCP Reserves*, Final Report, City of San Diego, 35 p. (Refereed)
18. **Franklin, J.** and D. W. Steadman, *Biogeography and Community Ecology of Birds and Forests in the Lau Archipelago, Fiji: A Long Term Perspective: Report on Field Research in February-March and October-November 2000*, submitted to the Fiji Museum (T. Sarovi-Vunidilo and S. Matararaba, Department of Archaeology). (Refereed)
19. Thomas, K. A., **J. Franklin**, T. Keeler-Wolf, and P A. Stine, *Mojave Desert Ecosystem Program: Central Mojave Vegetation Mapping Project*. Final Report prepared for the Mojave Desert Ecosystem Program. U.S. Geological Survey Western Ecological Research Center and Southwest Biological Science Center, Sacramento CA. 251 p. + CD-ROM. (Refereed)
20. Hierl, L. A., Regan, H. M., **Franklin, J.**, and Deutschman, D. H., *Assessment of the Biological Monitoring Plan for San Diego's Multiple Species Conservation Program*, Report for Task A of Local Assistance Grant #P0450009.

Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson. (Refereed)

21. **Franklin, J.**, Hierl, L. A., Deutschman, D. H. and Regan, H. M., *Grouping and Prioritizing Natural Communities; the San Diego Multiple Species Conservation Program*, Report for Task B2 of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson. (Refereed)
22. Regan, H. M., Hierl, L. A., **Franklin, J.**, and Deutschman, D. H., *Multiple Species Conservation Program: Covere species Prioritization*, Report for Task B1 of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson. (Refereed)
23. **Franklin, J.**, and Santos, E. *Mixed Conifer Forest Restoration Project, Cuyamaca Rancho State Park, San Diego, California*. Draft Plan for Stratified Random Sampling, Interagency Agreement Number C0643016, California Department of Parks and Recreation, Colorado Desert District, Borrego Springs, CA. 9 pp. December 2007. (Refereed)
24. **Franklin, J.**, Statistical modeling of the distribution and abundance of *Quercus pacifica* and *Q. tomentella* on Catalina Island, Technical Report submitted to Denise Knapp, Senior Plant Ecologist, The Catalina Island Conservancy, April 2007 (Refereed)
25. Deutschman, D. H., Hierl, L. A., **Franklin, J.**, and Regan, H. M., *Vegetation Community Monitoring Recommendations for the San Diego Multiple Species Conservation Program*, Report for Task D of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson (April 15, 2007). (Refereed)
26. Hierl, L. A., **Franklin, J.**, Deutschman, D. H., and Regan, H. M., *Developing Conceptual Models to Improve the Biological Monitoring Plan for San Diego's Multiple Species Conservation Program*, Report for Task C of Local Assistance Grant #P0450009. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson (February 2007). (Refereed)
27. **Franklin, J.** *Post-Cedar Fire Mixed Conifer-Hardwood Monitoring at Cuyamaca Rancho State Park, San Diego, California*. Final Report, Interagency Agreement Number C0543025, California Department of Parks and Recreation Colorado Desert District, Borrego Springs, CA. 26 pp, December 2008. (Refereed)
28. Deutschman, D. H., Strahm, S., Bailey, D., A., **Franklin, J.**, and Lewison, R., *Using Variance Components Analysis to Improve the Vegetation Monitoring Plan for the San Diego Multiple Species Conservation Program (MSCP)*, Report for Local Assistance Grant #P0685105. Prepared for California Department of Fish and Game, Grant Coordinator: Dr. Brenda S. Johnson. June 2008. (Refereed)

## S. Commentary

## Published

1. Aitken, S. C and **Franklin, J.** 1988, A semicentennial celebration: placing The Professional Geographer. *The Professional Geographer* 50:1-2. (Refereed) <https://doi.org/10.1111/0033-0124.00098>
2. Aitken, S. C and Franklin, J. 2000, In Retrospect: The Shaping of The Professional Geographer. *The Professional Geographer* 52:591-593. (Refereed) <https://doi.org/10.1111/0033-0124.00248>
3. Wilson, J. B., P. S. White, J. P. Bakker. S. Diaz and **J. Franklin**, 2005, Functional signatures, epizoochory, and mapping forest from satellites: Editor's Award, *Applied Vegetation Science* Vol. 8 pp. 1-2. (Refereed)
4. Aspinall, R. J., J. A. Miller and **J. Franklin**. 2009, Calculations on the back of the climate envelope: addressing the geography of species distributions. *Proceedings of the National Academy of Sciences, USA* 106(16): E44. (Refereed) <https://doi.org/10.1073/pnas.0809891106>.
5. **Franklin, J.**, 2012, Back of the envelope: climate change and species distributions, *British Ecological Society Bulletin* 43(1): 28-30. (Refereed)
6. Franklin, S. and the Ecological Society of America (ESA) Panel on Vegetation Classification, 2015, How can a national vegetation classification help ecological research and management? *Frontiers of Ecology and the Environment* 15:185-186 (Refereed)
7. **Franklin, J.**, 2016, *Diversity and Distributions* is (still) a journal of conservation biogeography (Editorial), *Diversity and Distributions* 22:1-2. (Refereed) <https://doi.org/10.1111/ddi.1240>

## T. Other Publications

### Published

1. Gutzwiller, K. J., Dibble, E. D. and **Franklin, J.**, 2015, In memoriam: Samuel K. Riffell (1970-2014). *Landscape Ecology* 30:959-962 (Refereed)

## Difference List of Publications (03/2017 - 09/2020)

### I. Technical/Scholarly

#### A. Journal Articles

## Published

126. Steadman, D. W., Singleton, H. M., Delancy, K. M., Albury, N. A., Soto-Centeno, J. A., Gough, H., Duncan, N., Franklin, J., and Keegan, W. F., 2017, Late Holocene historical ecology: The timing of vertebrate extirpation on Crooked Island, Commonwealth of the Bahamas, *Journal of Island and Coastal Archaeology* 12(4):572-584. (Refereed) <https://doi.org/10.1080/15564894.2017.1305469>

Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Senior author.*

127. Steadman, D. W. and Franklin, J., 2017, Origin, paleoecology and extinction of bluebirds and crossbills in the Bahamas across the last glacial-interglacial transition, *Proceedings of the National Academy of Sciences, USA* 114(37): 9924-9929 (Refereed) <https://doi.org/10.1073/pnas.1707660114>

View Publication

*Candidate is Corresponding Author*

Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Equal coauthor.*

128. Ripplinger, J., York, A. M., Collins, S. L., and Franklin, J., 2017, Boom bust economics and the ecology of cities: how strong is the link?, *Ecosphere* 8(5): Article e01826. (Refereed, Electronic) <https://doi.org/10.1002/ecs2.1826>

View Publication

Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Senior author*

129. Godsoe, W., Franklin, J., Blanchet, F.G. \*, 2017, Effects of biotic interactions on modeled species' distributions can be masked by environmental gradients, *Ecology and Evolution* 7:654-664. (Refereed)

<https://doi.org/10.1002/ece3.2657>

View Publication

Comments:

Candidate's Contribution and Attribution of Authors:

*Major contributor.*

130. Franklin, J., Serra-Diaz, J.M, Syphard, A.D., Regan, H.M., 2017, Big data for forecasting global change impacts on plant communities. *Global Ecology and Biogeography* 26(1):6-17. (Refereed) <https://doi.org/10.1111/geb.12501>

View Publication

*Candidate is Corresponding Author*

Comments:

Candidate's Contribution and Attribution of Authors:

*First author. Senior author*

131. Tracey, J.A., Rochester, C., Hathaway, S., Brehme, C., Preston, K., Syphard, A.D., Vandergast, A., Diffendorfer, J **Franklin, J.**, McKensie, J., Morrison, S., Nichols, G., Oberbauer, T., Spencer, W., Tremor, S., Winchell, C., Fische R. N., 2018; Prioritizing conserved areas threatened by wildfire for monitoring and management in Mediterranean-type ecosystems, *PLoS One* 13(9): e0200203 (Refereed) <https://doi.org/10.1371/journal.pone.0200203>  
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Candidate's Contribution and Attribution of Authors:

*Contributor*

132. **Inman, R., Franklin, J.**, Esque T., Dorn, R., 2018, Spatial sampling bias in the Neotoma paleoecological archives affects species paleo-distribution models, *Quaternary Science Reviews* 198:115-125 (Refereed)  
<https://doi.org/10.1016/j.quascirev.2018.08.015>  
View Publication

Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Senior author. Major contributor*

133. Steadman, D. W., Albury N. A., Mead, J. I., Soto-Centeno J. A., **Franklin, J.**, 2018, Holocene vertebrates from a cave on Eleuthera Island, Commonwealth of The Bahamas, *The Holocene* 5:806-813. (Refereed)  
<https://doi.org/10.1177/0959683617744270>  
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Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Senior author. Major contributor*

134. **Franklin, J.**, **Andrade, R.**, Daniels, M.L., Fairbairn, P.W., Fandino, M.C., Gillespie, T.W., Gonzalez, G., Gonzalez O., Imbert, D., Kapos, V., Kelly, D.L., Marcano-Vega, H., Meléndez-Ackerman, E., McLaren, K.P., McDonald, M.A., \*Ripplinger, J., Rojas-Sandoval, J., Ross, M.S., Ruiz, J., Steadman, D.W., Tanner, E.V.J., Terrill, I., Venneti M., 2018, Geographical ecology of dry forest tree communities in the West Indies, *Journal of Biogeography* 45:1168-1181. (Refereed) <https://doi.org/10.1111/jbi.13198>  
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*Candidate is Corresponding Author*

Comments:

Candidate's Contribution and Attribution of Authors:

*Lead author. PI. Study design, data collection, data analysis, writing.*

135. Ibanez, T., G. Keppel, C. Baider, C. Birkinshaw, H. Culmsee, S. Cordell, F. B. Vincent Florens, **J. Franklin**, C. P. Giardina, T. W. Gillespie, M. Laidlaw, C. M. Litton, T. Martin, R. Ostertag, N. Parthasathy, R. Randrianaivo, M. Randrianjanahary, M. Rajkumar, L. Rasingam, F. Ratovoson, L. Reza, L. Sack, A. Shin-ichiro, E. Webb, T. Whitfe R. Zang, P. Birnbaum, 2018, Regional forcing explains local species diversity and turnover on islands in the Indo-Pacific, *Global Ecology and Biogeography* 27:474-486. (Refereed) <https://doi.org/10.1111/geb.12712>  
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Candidate's Contribution and Attribution of Authors:

*Contributor*

136. Slik, J. W. F., **J. Franklin**, V. Arroyo-Rodríguez, R. Field, S. Aguilar, N. Aguirre, J. Ahumada, S.-I. Aiba<sup>7</sup>, L. F. Alves, Anitha K, A. Avella, F. Mora Ardila, G. A. Aymard C., S. Báez, P. Balvanera, M. L. Bastian, J.-F. Bastin, P. J. Bellingham, E. van den Berg, P. da Conceição Bispo, P. Boeckx, K. Boehning-Gaese, F. Bongers, B. Boyle, F. Brambach, F. Q. Brearley, S. Brown, S.-L. Chai, R. L. Chazdon, S. Chen, P. Chhang, G. Chuyong, E. Corneille, I. Coronado, J. Cristóbal-Azkarate, H. Culmsee, K. Damas, HS Dattaraja, P. Davidar, S. J. DeWalt, H. Din, D. R. Drake, A. Duque, G. Durigan, K. Eichhorn, E. S. Eler, T. Enoki, A. Ensslin, A. B. Fandohan, N. Farwig, K. J. Feel M. Fischer, O. Forshed, Q. Garcia, S. C. Garkoti, T. W. Gillespie, J.-F. Gillet, C. Gonmadje, I. Granzow-de la Cerc D. M. Griffith, J. Grogan, K. R. Hakeem, D. J. Harris, R. D. Harrison, A. Hector, A. Hemp, J. Homeier, M. S. Hussain, G. Ibarra-Manríquez, F. H. Ibrahim, N. Imai, P. A. Jansen, S. Joseph, K. Kartawinata, E. Kearsley, D. Kel M. Kessler, T. J. Killeen, R. Kooyman, Y. Laumonier, S. Laurance, W. Laurance, M. J. Lawes, S. Letcher, J. Lindsell, J. Lovett, J. Lozada, X. Lu, A. M. Lykke, K. Bin Mahmud, N. P. D. Mahayani, A. Mansor, A. R. Marshal E. H. Martin, D. C. L. Matos, J. A. Meave, F. P. L. Melo, Z. H. A. Mendoza, F. Metali, V. Metjibe, J. P. Metzger, Metzker, D. Mohandass, M. A. Munguía-Rosas, R. Muñoz, E. Nurtjahya, E. L. de Oliveira, Onrizal, P. Parolin, M. Parren, N Parthasarathy, E. Paudel, R. Perez, E. A. Pérez-García, U. Pommer, L. Poorter, L. Qi, M. T. F. Piedade, J R. R. Pinto, A. D. Poulsen, J. Poulsen, J. S. Powers, R. C. Prasad, J.-P. Puyravaud, O. Rangel, J. Reitsma, D. S. B. Rocha, S. Rolim, F. Rovero, A. Rozak, K. Ruokolainen, E. Rutishauser, G. Rutten, M. N. M. Said, F. Z. Saiter, P. Saner, B. Santos, J. R. dos Santos, S. K. Sarker, C. B. Schmitt, J. Schoegart, M. Schulze, D. Sheil, A. F. Souza, W. Spironello, T. Sposito, R. Steinmetz, T. Stevart, M. S. Suganuma, R. Sukri, A. Sultana, R. Sukumar, T. Sunderland Supriyadi, Suresh H. S., E. Suzuki, M. Tabarelli, J. Tang, E. V. J. Tanner, N. Targhetta, I. Theilade, D. Thomas, J. Timberlake, M. de Morisson Valeriano, J. van Valkenburg, T. Van Do, S. Van Hoang, J. H. Vandermeer, H. Verbeeck, O. R. Vetaas, Victor Adekunle, S. A. Vieira, C. Webb, E. Webb, T. Whitfeld, S. Wich, J. Williams, S. Wiser, F. Wittmann, X. Yang, C. Y. A. Yao, S. Yap, R. A. Zahawi, R. Zakaria, R. Zang. 2018, A phylogenetic classification of the world's tropical forests, *Proceedings of the National Academy of Sciences, USA* 115(8):1837-1842. (Refereed) <https://doi.org/10.1073/pnas.1714977115>  
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Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Corresponding author. Study design and writing.*

137. **Andrade, R.**, Bateman, H.L., **Franklin, J.**, and Allen, D., 2018, Waterbird community composition, abundance, and diversity along an urban gradient, *Landscape and Urban Planning* 170:103-111. (Refereed)  
<https://doi.org/10.1016/j.landurbplan.2017.11.003>  
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*Major contributor. PI*

138. Engelbrecht F. A., C. W. Marean, R. M. Cowling, C. Engelbrecht, F. H. Neumann, L. Scott, **R. Nkoana**, D. O'Neal E. Fisher, E. Shook, **J. Franklin**, M. Thatcher, J. McGregor, J. Van der Merwe, Z. Dedekind and M. Difford, 2019 Downscaling Last Glacial Maximum climate over southern Africa, *Quaternary Science Reviews* 226:105879 (Refereed, Electronic) <https://doi.org/10.1016/j.quascirev.2019.105879>

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Candidate's Contribution and Attribution of Authors:

*Contributor.*

139. **Franklin, J.**, Steadman, D.W., Majure, L.C., Oswald, J.A.\*, Soltis, D.E., **Encarnación, Y.**, Clase, T., Almonte-Espinosa, H., Kratter, A.W., Terrill, R.S., 2019, The changing ecological communities along an elevation gradient in seasonally dry tropical forest on Hispaniola (Sierra Martín García, Dominican Republic), *Biotropica* 51:802-816 (Refereed) <https://doi.org/10.1111/btp.12707>  
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*Candidate is Corresponding Author*

Comments:

Candidate's Contribution and Attribution of Authors:

*Lead author. PI.*

140. Oswald, J.A. \*, Steadman, D.W., **Franklin, J.**, 2019, Unexpected limb proportions in a Pleistocene population of Eastern Meadowlark (*Sturnella magna*) from the Bahamas, 2019, *Caribbean Naturalist* 68:1-22 (Refereed)  
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Candidate's Contribution and Attribution of Authors:

*Major contributor. PI.*

141. Fricker, G.A.\*, Ventura, J.D., North, M., Wolf, J., Davis, F. W., **Franklin, J.**, 2019, A convolutional neural network



classifier identifies tree species in mixed conifer forest from hyperspectral imagery, *Remote Sensing*, 11(19), 2326 (Refereed, Electronic) <https://doi.org/10.3390/rs11192326>  
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[Candidate's Contribution and Attribution of Authors:](#)

*PI. Senior author. Major contributor*

142. [Andrade, R.](#), Larsen, K.L., Hondula, D., **Franklin, J.**, 2019, Social-spatial analyses of attitudes towards the desert a Southwestern U.S. city, *Annals of the American Association of Geographers* 109(6):1845-1865 (Refereed) <https://doi.org/10.1080/24694452.2019.1580498>

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[Candidate's Contribution and Attribution of Authors:](#)

*PI. Senior author. Major contributor*

143. [Inman, R.](#), Fotheringham, S., **Franklin, J.**, Esque T., Edwards T., Nussear. K., 2019, Local niche differences predict genotype associations in sister taxa of desert tortoise, *Diversity and Distributions* 25(8): 1194-1209. (Refereed) <https://doi.org/10.1111/ddi.12927>

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*PI. Senior author. Major contributor.*

144. [Norberg, A.M.I.](#), Abrego, N., Blanchet, F. G., Adler, F., Anderson, B.J., Antilla, J., Araújo, M.B., Clark, J., Dallas, T., Dunson, D., Elith, J., Foster, S., Fox, R., **Franklin, J.**, Godsoe, W., Guisan, A., O'Hara, B., Hill, N.A., Holt, R. Hui, F.K.C., Husby, M., Kålås, J., Lehtikoinen, A., Luoto, M., Mod, H., Newell, G., Renner, I., Roslin, T., Soininen J., Thuiller, W., Vanahtalo, J., Warton, D., White, M., Zimmermann, N.E., Gravel, D. and Ovaskainen, O., 2019, A comprehensive evaluation of predictive performance of 27 species distribution models at species and community levels, *Ecological Monographs* 89(3): e01370(1-24) (Refereed, Electronic) <https://doi.org/10.1002/ecm.1370>

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*Contributor.*

145. Davis, F.W., Synes, N.W.\*, Fricker, G.A.\*, [McCullough, I.M.](#), Serra-Diaz, J.M.\*, **Franklin, J.**, Flint, A.L., 2019, LiDAR-derived topography and forest structure predict fine-scale variation in daily surface temperatures in oak savanna and conifer forest landscapes, *Agricultural and Forest Meteorology* 269-270: 192-202 (Refereed) <https://doi.org/10.1016/j.agrformet.2019.02.015>

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[Comments:](#)

[Candidate's Contribution and Attribution of Authors:](#)

*PI. Senior author. Major contributor*

146. Fricker, G.A.\*, Synes, N.W.\*, Serra-Diaz, J. M.\*, North, M.P., Davis, F. W., **Franklin, J.**, 2019, More than climate Predictors of tree canopy height vary with scale in complex terrain, Sierra Nevada, CA (USA), *Forest Ecology & Management* 434:142-153. (Refereed) <https://doi.org/10.1016/j.foreco.2018.12.006>

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[Comments:](#)

[Candidate's Contribution and Attribution of Authors:](#)

*PI. Senior author. Major contributor.*

147. Synes, N.\*, Brown, C., Palmer, S.C.F., Bocedi, G., Osborne, P.E., Watts, K., **Franklin, J.**, Travis, J.M.J., 2019, Coupled land use and ecological models reveal emergence and feedbacks in socio-ecological systems, *Ecography* 42:814-825 (Refereed) <https://doi.org/10.1111/ecog.04039>

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[Candidate's Contribution and Attribution of Authors:](#)

*Contributor*

148. Muscarella, R., Emilio, T., Phillips, O.L., Lewis, S.L., Slik, F., Baker, W.J., Couvreur, T.L.P., Eiserhardt, W.L., Svenning, J.-C., Affum-Baffoe, K., Aiba, S.-I., de Almeida, E.C., de Almeida, S.S., de Oliveira, E.A., Álvarez-Dávila, E., Alves, L.F., Alvez-Valles, C.M., Carvalho, F.A., Guarin, F.A., Andrade, A., Aragão, L.E.O.C., Murakami, A.A., Arroyo, L., Ashton, P.S., Corredor, G.A.A., Baker, T.R., de Camargo, P.B., Barlow, J., Bastin, J.-F., Bengone, N.N., Berenguer, E., Berry, N., Blanc, L., Böhning-Gaese, K., Bonal, D., Bongers, F., Bradford, M., Brambach, F., Brearley, F.Q., Brewer, S.W., Camargo, J.L.C., Campbell, D.G., Castilho, C.V., Castro, W., Catchpole, D., Cerón Martínez, C.E., Chen, S., Chhang, P., Cho, P., Chutipong, W., Clark, C., Collins, M., Comiskey, J.A., Medina, M.N.C., Costa, F.R.C., Culmsee, H., David-Higuita, H., Davidar, P., del Aguila-Pasquel, Derroire, G., Di Fiore, A., Van Do, T., Doucet, J.-L., Dourdain, A., Drake, D.R., Ensslin, A., Erwin, T., Ewango, C.E.N., Ewers, R.M., Fauset, S., Feldpausch, T.R., Ferreira, J., Ferreira, L.V., Fischer, M., **Franklin, J.**, Fredriksson G.M., Gillespie, T.W., Gilpin, M., Gonmadje, C., Gunatilleke, A.U.N., Hakeem, K.R., Hall, J.S., Hamer, K.C., Harris, D.J., Harrison, R.D., Hector, A., Hemp, A., Herault, B., Pizango, C.G.H., Coronado, E.N.H., Hubau, W., Hussain, M.S., Ibrahim, F.-H., Imai, N., Joly, C.A., Joseph, S., K, A., Kartawinata, K., Kassi, J., Killeen, T.J., Kitayama, K., Klitgård, B.B., Kooyman, R., Labrière, N., Larney, E., Laumonier, Y., Laurance, S.G., Laurance, W.F., Lawes, M.J., Levesley, A., Lisingo, J., Lovejoy, T., Lovett, J.C., Lu, X., Lykke, A.M., Magnusson, W.E., Mahayani, N.P.D., Malhi, Y., Mansor, A., Peña, J.L.M., Marimon-Junior, B.H., Marshall, A.R., Melgaco, K., Bautista, C.M., Mihindou, V., Millet, J., Milliken, W., Mohandass, D., Mendoza, A.L.M., Mugerwa, B., Nagamasu H., Nagy, L., Seuaturien, N., Nascimento, M.T., Neill, D.A., Neto, L.M., Nilus, R., Vargas, M.P.N., Nurtjahya, E.,

Araújo, R.N.O., Onrizal, O., Palacios, W.A., Palacios-Ramos, S., Parren, M., Paudel, E., Morandi, P.S., Pennington R.T., Pickavance, G., Pipoly III, J.J., Pitman, N.C.A., Poedjirahajoe, E., Poorter, L., Poulsen, J.R., Rama Chandra Prasad, P., Prieto, A., Puyravaud, J.-P., Qie, L., Quesada, C.A., Ramírez-Angulo, H., Razafimahaimodison, J.C., Reitsma, J.M., Requena-Rojas, E.J., Correa, Z.R., Rodriguez, C.R., Roopsind, A., Rovero, F., Rozak, A., Lleras, A.R., Rutishauser, E., Rutten, G., Punchi-Manage, R., Salomão, R.P., Van Sam, H., Sarker, S.K., Satdichanh, M., Schiatti, J., Schmitt, C.B., Marimon, B.S., Senbeta, F., Nath Sharma, L., Sheil, D., Sierra, R., Silva-Espejo, J.E., Silveira, M., Sonké, B., Steininger, M.K., Steinmetz, R., Stévant, T., Sukumar, R., Sultana, A., Sunderland, T.C.H., Suresh, H.S., Tang, J., Tanner, E., ter Steege, H., Terborgh, J.W., Theilade, I., Timberlake, J., Torres-Lezama, A., Umunay, P., Uriarte, M., Gamarra, L.V., van de Bult, M., van der Hout, P., Martinez, R.V., Vieira, I.C.G., Vieira, S.A., Vilanova, E., Cayo, J.V., Wang, O., Webb, C.O., Webb, E.L., White, L., Whitfeld, T.J.S., Wich, S., Willcock S., Wiser, S.K., Young, K.R., Zakaria, R., Zang, R., Zartman, C.E., Zo-Bi, I.C. & Balslev, H. The global abundance of tree palms, *Global Ecology & Biogeography* 29:1495-1514 DOI: 10.1111/geb.13123. (Refereed)

<https://doi.org/10.1111/geb.13123>

[View Publication](#)

*Candidate is Corresponding Author*

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Data, writing and study design.*

149. Zurell D, **Franklin J.**, König C, Bouchet PJ, Serra-Diaz JM, Dormann CF, Elith J, Fandos Guzman G, Feng X, Guillerá-Arroita G, Guisan A, Leitão PJ, Lahoz-Monfort JJ, Park DS, Peterson AT, Rapacciuolo G, Schmatz DR, Schröder B, Thuiller W, Yates KL, Zimmermann NE, Merow C, 2020, A standard protocol for describing species distribution models *Ecography*. 43:1-17 DOI: 10.1111/ecog.04960. (Refereed, Electronic)

[View Publication](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Senior author. Study design, data analysis and interpretation, writing.*

150. Huang, Y., Morrison, G., Brelsford, A., **Franklin, J.**, Jolles, D.D., Keeley, J., Parker, V.T., Saavedra, N., Sanders, A., Stoughton, T.R., Walhert, G., Litt, A., 2020, Subspecies differentiation in an enigmatic chaparral shrub species. *American Journal of Botany* 107(6):923-940. (Refereed) <https://doi.org/10.1002/ajb2.1496>

[View Publication](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor*

151. Marean, C.W., Cowling, R.M., **Franklin, J.**, 2020, The Palaeo-Agulhas Plain: Temporal and spatial variation in an extraordinary, extinct ecosystem of the Pleistocene of the Cape Floristic Region, *Quaternary Science Reviews*, vol. 235: 106161 <https://doi.org/10.1016/j.quascirev.2019.106161> (Refereed, Electronic)

<https://doi.org/10.1016/j.quascirev.2019.106161>

[View Publication](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*All coauthors are equal contributors. Co-PI. Study design, writing.*

152. Kraaij, T., Engelbrecht, F., **Franklin, J.**, Cowling, R.M., 2020, A fiery past: a comparison of glacial and contemporary fire regimes on the Palaeo-Agulhas Plain, Cape Floristic Region, *Quaternary Science Reviews* vol. 235: 106059 <https://doi.org/10.1016/j.quascirev.2019.106059> (Refereed, Electronic)  
<https://doi.org/10.1016/j.quascirev.2019.106059>

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Co-PI. Study design, writing.*

153. Cowling, R.M., Potts, A.\*, **Franklin, J.**, Midgley, G.F., and Marean, C.W., 2020, Describing a drowned ecosystem Last Glacial Maximum vegetation reconstruction of the PalaeoAgulhas Plain, *Quaternary Science Reviews*. Vol. 2: 105866 <https://doi.org/10.1016/j.quascirev.2019.105866> (Refereed, Electronic)  
<https://doi.org/10.1016/j.quascirev.2019.105866>

[View Publication](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Co-PI. Study design, analysis, writing.*

154. Wren, C., **Botha, S.**, Harris, J.A., Venter, J., **Franklin, J.**, Wood, B.W., Hill, K., Shook, E., Marean, C. W., Fisher, E.C., Cowling, R.M., Janssen, M.A., de Vynk, J., 2020, The foraging potential of the Holocene Cape South Coast c South Africa without the Palaeo-Agulhas Plain, *Quaternary Science Reviews* Special Issue Vo. 235: 105789  
<https://doi.org/10.1016/j.quascirev.2019.06.012> (Refereed, Electronic)  
<https://doi.org/10.1016/j.quascirev.2019.06.012>

[View Publication](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Co-PI. Study design, writing.*

155. Rowan, J., Beaudrot, L., **Franklin, J.**, Reed, K. E., Smail, I. E., Zamora, A., Kamilar, J. M., 2020, Divergent evolutionary and ecological legacies shape large mammal biodiversity in the global tropics and sub-tropics, *Proceedings of the National Academy of Sciences* 117(3):1559-1565.  
[www.pnas.org/cgi/doi/10.1073/pnas.1910489116](http://www.pnas.org/cgi/doi/10.1073/pnas.1910489116) (Refereed) <https://doi.org/10.1073/pnas.1910489116>

[View Publication](#)

[Comments:](#)

[Candidate's Contribution and Attribution of Authors:](#)

*Contributor.*

## **In Press**

1. Steadman, D.W., **Franklin, J.**, Bird populations and species lost to late Quaternary environmental change and human impact in the Bahamas. *Proceedings Nat'l Academy Sci* (Refereed)

*Candidate is Corresponding Author*

[Comments:](#)

[Candidate's Contribution and Attribution of Authors:](#)

*Both authors contributed equally. Project design, data collection, data analysis and interpretation; writing*

## **Submitted**

1. Franklin Rey, S.R., **Franklin, J.**, Rey S.J., Microplastic pollution on island beaches: An opportunity for community environmental education and action, *PLoS One*; submitted date 5/14/20; revisions requested 8/7/20; revisions submitted 8/22/20, publisher is PLoS ONE; number of manuscript pages 15 plus figures; and order of authorship is as it appears in the citation (Refereed, Electronic)

[View Publication](#)

*Candidate is Corresponding Author*

[Comments:](#)

[Candidate's Contribution and Attribution of Authors:](#)

*Corresponding author. Data analysis; writing.*

2. Keith, David A., Jose R. Ferrer-Paris, Emily Nicholson, Melanie J. Bishop, Beth A. Polidoro, Eva Ramirez-Llodra, Mark G. Tozer, Jeanne L. Nel, Ralph Mac Nally, Edward J. Gregr, Kate E. Watermeyer, Franz Essl, Don Faber-Langendoen, **Janet Franklin**, Caroline E. R. Lehmann, Andres Etter, Dirk Roux, Jonathan S. Stark, Jessica Rowland, Neil A. Brummitt, Ulla C. Fernandez-Arcaya, Iain M. Suthers, Susan K. Wisser, Ian Donohue, Leland J. Jackson, R. Toby Pennington, Nathalie Pettorelli, Angela Andrade, Arild Lindgaard, Teemu Tahvanainen, Aleks Terauds, Oscar Venter, James E. M. Watson, Michael A Chadwick, Nicholas J. Murray, Justin Moat, Patricio Plissock, Irene Zager, Richard T. Kingsford, Earth's ecosystems: a function-based typology for conservation and sustainability, *Nature*. Submission date 10/20/2019. Publisher: Nature Publishing; number of manuscript pages 20. Order of authorship is as it appears in this citation. (Refereed)

[Comments:](#)

[Candidate's Contribution and Attribution of Authors:](#)

*Contributor.*

- Jenerette, D., Anderson, K., Cadenasso, M., Fenn, M., **Franklin, J.**, Goulden, M., Larios, L., Pincetl, S., Regan, H. Rey, S.J., Santiago, L., Syphard, A.D., An Expanded Framework for Wildland-Urban Interfaces and their Management, *Frontiers of Ecology and the Environment*. Submission date 05/27/2020 Publisher: Wiley, Ecological Society of America; number of manuscript pages 27. Order of authorship is as it appears in this citation (Refereed)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Study design. Literature review. Writing.*

- Andrade, R., Larsen, K.L., **Franklin, J.**, Lerman, S.B., Bateman, H.L., Warren, P.S., Species traits explain public perceptions of human-bird interactions, *Ecological Applications*. Submission date 05/08/20120 Publisher: Wiley / Ecological Society of America; number of manuscript pages 52. Order of authorship is as it appears in this citation (Refereed)

Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Contributed to study design, interpretation of results, writing.*

- Svenning, J.-C., \*HA. Swanson, \*A. Saxena, \*R. Muscarella, **J. Franklin**, M. Garbelotto, A.S. Matthews, O. Saito A.E. Schnitzler, J. M. Serra-Diaz, A.L. Tsing, Promoting sustainable woodlands through an integrative ecological & socio-cultural historical perspective, *One Earth*. Submission date 05/27/2020. Publisher: Cell Press; number of manuscript pages 41. Order of authorship is as it appears in this citation. (Refereed)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor. Contributed to conceptualization of the paper; literature review; writing.*

- Andrade, R., **Franklin, J.**, Larsen, K.L., Swan, C., Lerman, S.B., Batemen, H.L., Warren, P.S., York, A., Predicting the assembly of novel communities in urban ecosystems, *Landscape Ecology*. Submission date 02/11/2020. Publisher: IALE / Wiley; number of manuscript pages 30. Order of authorship is as it appears in this citation (Refereed)

Comments:

Candidate's Contribution and Attribution of Authors:

*PI. Contributed to study design, interpretation of results, writing.*

## D. Book Chapters

## Published

- Geller, G. N. P. N. Halpin, B. Helmuth, E. L. Hestir, A. Skidmore, M. J. Abrams, N. Aguirre, M. Blair, E. Botha, M. Colloff, T. Dawson, **J. Franklin**, N. Horning, C. James, W. Magnusson, M. J. Santos, S. R. Schill and K. Williams 2017, Remote sensing for biodiversity, in *The GEO Handbook on Biodiversity Observation Networks*, M. Walters and R.J. Scholes (eds.), pp. 187-210. (Refereed) [https://doi.org/10.1007/978-3-319-27288-7\\_8](https://doi.org/10.1007/978-3-319-27288-7_8)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor*

- Elith, J. and **Franklin, J.**, 2017, Species distribution modelling, in *Reference Module in Life Sciences*, Elsevier, ISI 9780128096338. (Refereed) <https://doi.org/10.1016/B978-0-12-809633-8.02390-6>

Publication Website

Comments:

Candidate's Contribution and Attribution of Authors:

*Both authors contributed equally*

## H. Edited Special Issues Journals

### Published

- Serra-Diaz, J.M. and **Franklin, J.** 2019, Editorial: What's hot in conservation biogeography in a changing climate? Going beyond species range dynamics (introduction to the special issue on conservation biology in a changing climate), *Diversity and Distributions* 25(4):492-498. (Refereed) <https://doi.org/10.1111/ddi.12917>  
[View Publication](#)   [Publication Website](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Both authors contributed equally.*

- Miller, J., Laffan, S. W., A. K. Skidmore and **J. Franklin**, 2020, Modeling movement, distribution, diversity, and disturbance: introduction to the 5th special issue on spatial ecology, *International Journal of Geographical Information Science* 34(8):1504-1507. (Refereed) <https://doi.org/10.1080/13658816.2020.1725017>  
[View Publication](#)   [Publication Website](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor.*

- Malhi, Y., **J. Franklin**, C. Field N. Knowlton, N. Seddon, M. Solan, M.G. Turner, 2020, Introduction: Climate Change and Ecosystems -- Threats, Opportunities and Solutions, *Phil. Trans. Royal. Soc. B*, 375(1794):20190104.

(Refereed, Electronic) <https://doi.org/10.1098/rstb.2019.0104>

[View Publication](#)   [Publication Website](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Major contributor. PI*

## M. Technical Reports

### In Press

1. Keith DA, Ferrer-Paris JR, Nicholson E, Bishop MJ, Polidoro BA, Ramirez-Llodra E, Tozer MG, Nel JL, Mac Nal R, Gregr EJ, Watermeyer KE, Essl F, Faber-Langendoen D, Giller PS, Robson B, **Franklin J**, Lehmann CER, Ette A, Roux DJ, Stark JS, Rowland JA, Brummitt NA, Fernandez-Arcaya UC, Suthers IM, Iliffe TM, Gerovasileiou V, Sakihara TS, Wisser SK, Donohue I, Jackson LJ, Pennington RT, Linardich C, Pettorelli N, Andrade A, Kontula T, Lindgaard A, Tahvanainen T, Terauds A, Venter O, Watson JEM, Chadwick MA, Murray NJ, Moat J, Pliscoff P, Corlett RT, Young KR, McGlone MS, Williams RT, Loidi J, Russell-Smith J, Gibson D, Eldridge DJ, Anesio AMI, Korner CH, Harper R, Bogaart PW, Bhanumati P, Sharma M, Hose GC, Gonzalez BC, Brankovits D, Martinez Garcia A, Lamson M, Seidel B, Sedar DM, Santos S, Havird J, Catford JA, Rains MC, Irvine K, Arthington AH, Kelly-Quinn M, Bertilsson S, Hollibaugh JT, Channing A, Siegert MJ, Reidy Liermann C, Beveridge M, Bianchi T, Woodland RJ, Dafforn KA, McSweeney SL, Cutler NA, Orth RJ, Altieri AH, Rossi S, Sheppard CRC, Swearer SE, Rykaczewski RR, Shannon LJ, Priede IG, Sutton TT, Claisse JT, Acosta ATR, Carnell PE, Crowe TP, Firth LB, H. SE, Garcia L, Zager I, Bland LM, Kingsford RT (2020) *The IUCN Global Ecosystem Typology v2.0: Descriptive profiles for Biomes and Ecosystem Functional Groups*. The International Union for the Conservation of Nature (IUCN), Gland, Switzerland. ACCEPTED 03 SEP 2020 (Refereed, Electronic)

[View Publication](#)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor*

## N. Meeting Reports

### Published

1. Underwood, E., **Franklin, J.**, Molinari, N. and Safford, H., 2018, Global Change and the Vulnerability of Chaparral Ecosystems (report on the 2018 Chaparral Symposium), *Bulletin of the Ecological Society of America* 99(4):e0146 (Refereed)

Comments:

Candidate's Contribution and Attribution of Authors:

*Contributor.*

## S. Commentary



## Published

8. Steadman, D.W. and **Franklin, J.** 2017, Reply to Benkman: Hispaniolan crossbills formerly resided in the Bahama Letter. *Proceedings of the National Academy of Sciences, USA* (Refereed, Electronic)  
<https://doi.org/10.1073/pnas.1717497114>  
Publication Website

### Comments:

#### Candidate's Contribution and Attribution of Authors:

*Both coauthors contributed equally.*

9. McGill, B., Araújo, M., **Franklin, J.**, Linder, H.P. and Dawson, M.N., 2019. Editorial: Writing the future of biogeography, *Frontiers of Biogeography* 10(3-4). 1 (Refereed) <https://doi.org/10.21425/F5FBG41964>  
View Publication

### Comments:

#### Candidate's Contribution and Attribution of Authors:

*Contributor. All authors contributed equally*

## Submitted

1. Zarnaske, P., Gurevitch, J., **Franklin, J.**, Groffman, P., Harrison, C., Hellmann, J., Hoffman, F., Kothari, S., Robock, A., Tilmes, S., Visioni, D., Wu, J., Xia, L., Yang, C.-E., Potential ecological impacts of climate intervention by reflecting sunlight to cool Earth, *Proceedings National Academy of Sciences, U.S.A.* Submission date 2/27/20; revisions requested 4/20; submitted 7/8/20, additional revisions requested 8/20/20; publisher National Academy of Sciences Highwire Press, number of manuscript pages 33, and order of authorship as it appears in this citation. (Refereed)

*Candidate is Corresponding Author*

### Comments:

#### Candidate's Contribution and Attribution of Authors:

*Corresponding author. Beyond the first two lead authors, all other authors contributed equally to conceptualization of the paper, literature review, and writing*

## Creative Activities

### Current Bibliography of Creative Activities

No records found.

### Creative Activities at Last Advance

No records found.

## Difference List of Creative Activities (07/2017 - 09/2020)

No records found.

## **Patents**

### Current Patents

No records found

### Last Advance of Patents

No records found

## Difference List of Patents (07/2017 - 09/2020)

No records found

## **Professional Services (03/2017 - 09/2020)**

### Reviewer Activity - Manuscripts

| Journal/Agency                      | Number Reviewed | Date    | Comments |
|-------------------------------------|-----------------|---------|----------|
| Global Change Biology               | 1               | 07/2017 |          |
| Science                             | 2               | 07/2017 |          |
| Nature Climate Change               | 2               | 07/2017 |          |
| Journal of Geophysical Research     | 1               | 07/2017 |          |
| Ecology                             | 1               | 07/2017 |          |
| Nature                              | 2               | 07/2017 |          |
| Agricultural and Forest Meteorology | 1               | 07/2017 |          |
| Plant Ecology                       | 2               | 07/2017 |          |
| Nature Communication                | 1               | 07/2017 |          |
| Ecosystems                          | 1               | 07/2017 |          |
| Ecosystems Services                 | 1               | 07/2017 |          |
| Ecotropica                          | 1               | 07/2017 |          |
| Caribbean Naturalist                | 1               | 07/2017 |          |
| Remote Sensing of Environment       | 1               | 07/2017 |          |
| Conservation Biology                | 1               | 07/2017 |          |
| Global Ecology and Biogeography     | 1               | 07/2017 |          |
| PLoS One                            | 1               | 07/2017 |          |
| Acta Oecologia                      | 1               | 07/2017 |          |

### Reviewer Activity - Grant Proposals

| Journal/Agency              | Number Reviewed | Date    | Comments |
|-----------------------------|-----------------|---------|----------|
| National Science Foundation | 3               | 07/2017 |          |

### Reviewer Activity - Books

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| Title   | Publisher                  | Book or Selected Pages | Pages Reviewed | Date    | Comments |
|---|----------------------------|------------------------|----------------|---------|----------|
| Joint Species Distribution Modeling (O. Ovaskainen and N. Abrego) | Cambridge University Press | Book                   |                | 07/2019 |          |

## Reviewer Activity - Letters of Recommendations

| Type        | Institution   | Date    | Comments   |
|-------------|---|---------|--|
| Appointment | Wisconsin, Yale, UC Davis, Cal, Cal Poly, UBC, CSUSM, LMU, Kent State, U Oklahoma, UW, U Utah, Boise State, U Mass, McGill, CU Boulder, SFSU, W Carolina, U Missouri, Hamilton College, U Illinois, Colorado State, Washington & Lee, etc. etc. | 06/2020 | From 7/1/2017-6/30/2020 I wrote 35 appointment letters for four individual mentees for entry-level academic positions. |
| Advancement | University of California, Los Angeles   | 04/2020 |  |
| Advancement | University of Massachusetts   | 12/2019 |  |
| Advancement | University of New South Wales   | 08/2019 |  |
| Advancement | University of Buffalo   | 07/2019 |  |
| Advancement | University of California, Los Angeles   | 07/2019 |  |
| Advancement | USDA Forest Service, Corvallis OR   | 03/2019 |  |
| Advancement | Brown University  | 02/2019 |  |
| Advancement | National Centre for Biological Sciences, TIFR, Bangalore INDIA  | 10/2018 |  |
| Advancement | Yale University   | 08/2018 |  |
| Advancement | University of Haifa   | 05/2018 |  |
| Advancement | University of California Merced   | 10/2017 |  |
| Advancement | The Pennsylvania State University   | 09/2017 |  |
| Advancement | University of Oklahoma  | 07/2017 |  |

## Editorial Boards

| Role             | Journal/Publication  | Service Date         | Comments |
|------------------|--|----------------------|----------|
| Editor           | Frontiers of Biogeography  | 09/2019 - To Present |          |
| Associate Editor | Ecology, Biodiversity and Conservation Series of books, Cambridge University Press | 01/2018 - To Present |          |
| Editor-in-Chief  | Diversity and Distributions  | 01/2016 - 05/2019    |          |

## Professional Committee Service

| Committee   | Professional Society  | Role   | Service Date         | Comments   |
|---|---|--|----------------------|--|
| Grants Committee  | American Association of Geographers                         | Member   | 04/2020 - To Present |  |
| Section on Geology & Geography  | American Association for the Advancement of Science         | Retiring Chair; Member of Nominating Committee | 02/2019 - 02/2020    |  |
| Departmental Review Committee   | Department of Geography, UCLA                               | Member   | 02/2019 - 06/2019    |  |
| Geographical Sciences Committee   | National Academy of Sciences, Engineering and Medicine, USA | Member   | 01/2019 - To Present |  |
| Section on Geology & Geography  | American Association for the Advancement of Science         | Chair  | 02/2018 - 02/2019    |  |
| Steering Committee, National Academy of Sciences – Royal Society Sackler Forum on | National Academy of   | Co-Chair                                       | 10/2017 -            | Planned organized and hosted 3 day forum and co-edited resulting special |

|  |   |             |                   |   |
|--|---|-------------|-------------------|---|
| Climate Change and Ecosystems  | Sciences  |             | 12/2018           | issue of Phil Tran Royal Soc                  |
| Section on Geology & Geography   | American Association for the Advancement of Science       | Chair-elect | 02/2017 - 02/2018 |   |
| Nominating Committee   | International Association of Landscape Ecology            | Member      | 03/2016 - 03/2019 |   |
| Commission on Ecosystem Management, North American and Caribbean Regional Network, | International Union for the Conservation of Nature (IUCN) | Member      | 01/2016 - 12/2018 |   |
| Committee on Research and Exploration  | National Geographic Society                               | Member      | 01/2015 - 12/2017 | reviewed hundreds of grant proposals per year |

## Presentations

| Title   | Event Name | Society/Institution  | Role            | Type         | National/International | Invited | Location                | Date    |
|---|------------|--|-----------------|--------------|------------------------|---------|-------------------------|---------|
| Gurevitch, Jessica, Phoebe Zarnetske, Janet Franklin, Peter M. Groffman, Cheryl Harrison, Jessica Hellmann Forrest M. Hoffman, Alan Robock, Simone Tilmes, Jin Wu, Lili Xia and Chang-En Yang, Potential ecological impacts of climate intervention by solar radiation modification |            | Ecological Society of America                                  | Co-Author       | Poster       | National               |         | Virtual                 | 08/2020 |
| Andrade, R., K. Larson, J. Franklin, S. B. Lerman, Linking attitudes toward birds to bird community composition   |            | International Association of Landscape Ecology – North America | Co-Author       | Presentation | National               |         | Toronto Canada          | 05/2020 |
| Marean, C.W., Cowling, R.M., Franklin, J., A Paleoeological Model for the Palaeo-Agulhas Plain, a Crucial Ecosystem for Early Modern Humans on the south coast of South Africa  |            | Paleoanthropology Society Meeting                              | Co-Author       | Presentation | National               |         | Los Angeles CA          | 04/2020 |
| Geospatial data for forecasting global change impacts on ecosystems   |            | GeoComputation 2019  | Plenary Speaker | Presentation | International          | Yes     | Queenstown, New Zealand | 09/2019 |
| Andrade, R., K. Larson, J. Franklin and S. B. Lerman, Understanding the mechanisms driving householder  |            | Ecological Society of America                                  | Co-Author       | Presentation | National               |         | Louisville KY           | 08/2019 |

|  |  |   |                 |                 |               |     |                    |         |
|--|--|---|-----------------|-----------------|---------------|-----|--------------------|---------|
| evaluations of an urban bird community   |  |   |                 |                 |               |     |                    |         |
| Serra-Diaz, J.M., Yu, L., Maxwell, C., Scheller, R., Thompson, J., Franklin, J., Do we need disturbances to project species distributions? Insights from Temperate and Mediterranean forests |  | International Association of Landscape Ecology World Congress           | Co-Author       | Presentation    | International |     | Milan ITALY        | 07/2019 |
| Rowan, J., Franklin, J., et al. Phylogenetic and functional trait structure of tropical mammal assemblages is shaped by late Quaternary climate change and human impacts                     |  | Evolution 2019  | Co-Author       | Presentation    | National      |     | Providence RI      | 06/2019 |
| Marean, C.W., Cowling, R.M., Franklin, J., A model of the extinct Palaeo-Agulhas Plain ecosystem in southernmost Africa  |  | Society for American Archaeology Meeting                                | Co-Author       | Presentation    | National      |     | Albuquerque, NM    | 04/2019 |
| Davis, F. W., Fricker, G. A., Synes, N., Franklin, J., Serra-Diaz, J. and North, M., NEON LIDAR data for cross-scale analysis of forest-climate relationships                                |  | Ecological Society of America Annual Meeting                            | Co-Author       | Presentation    | National      |     | New Orleans LA     | 08/2018 |
| Vegetation Science Answers Big Questions When We Work Together   |  | Annual Symposium of the International Association of Vegetation Science | Plenary Speaker | Presentation    | International | Yes | Bozeman, MT        | 07/2018 |
| Vegetation patterns and dynamics in the Anthropocene   |  | Anthropocene Woodlands Workshop, AURA, Aarhus University                | Presenter       | Lecture/Seminar | International | Yes | Aarhus DENMARK     | 06/2018 |
| Hofer, G., Franklin, J., Herzog, F., Farmland Biodiversity Monitoring Practice in Europe and North America   |  | 5th European Congress on Conservation Biology                           | Co-Author       | Presentation    | International |     | Jyväskylä, Finland | 06/2018 |
| Vulnerability of chaparral plant functions types to multiple stressors: climate, fire, and land use change   |  | 3rd Chaparral Workshop, USDA Forest Service                             | Presenter       | Presentation    | Regional      | Yes | Arcadia, CA        | 05/2018 |
| Franklin Rey, S., Franklin, J., Rey, S. J., Plastic pollution  |  | 7th International Conference on Environmental                           |                 |                 |               |     |                    |         |

|   |  |  |           |              |               |  |                 |         |
|---|--|--|-----------|--------------|---------------|--|-----------------|---------|
| on island beaches – a teachable moment  |  | Future: Humans and island environments   | Co-Author | Presentation | National      |  | Honolulu HI     | 04/2018 |
| Steadman, D.W., Oswald, J.A., Takano, O.M., Franklin J., Three extirpated Ice-Age birds in The Bahamas  |  | American Ornithology   | Co-Author | Presentation | National      |  | Tucson, AZ      | 04/2018 |
| Fricker, G. A., Wolf, J., Synes, N., Davis, F. W., North, M. and Franklin, J., Using a Convolutional Neural Network classifier and high-resolution remote sensing to identify individual tree species in a mixed conifer forest in the Southern Sierra Nevada Mountains, California |  | American Association of Geographers Annual Meeting                                   | Co-Author | Presentation | National      |  | New Orleans, LA | 04/2018 |
| Franklin J., Steadman, D.W., Ice age songbirds in The Bahamas   |  | 7th International Conference on Environmental Future: Humans and island environments | Presenter | Presentation | International |  | Honolulu HI     | 04/2018 |
| Davis, F. W., Synes, N., Fricker, G. A., Serra-Diaz, J. M., McCullough and Franklin, J., Seasonally dynamic in influence of canopy and topography on surface temperatures in the Sierra Nevada, California  |  | Ecological Society of America  | Co-Author | Presentation | National      |  | Portland, OR    | 08/2017 |

## Workshops

| Workshop Name   | Agency / Institution / Organization / Committee   | Role         | Invited | Service Date      | Workshop Date     | Comments  |
|---|---|--------------|---------|-------------------|-------------------|---|
| Workshop on ecological impacts of solar radiation management geoengineering | National Science Foundation (J. Gurevitch SUNY Stonybrook and P. Zarnaske, Michigan State, PIs)   | Co-organizer | Yes     | 10/2019 - 09/2021 | 03/2020 - 03/2020 | Out first meeting was scheduled for 03/2020. Then coronavirus happened. We help our workshop on line followed by meetings once or 2x a month, |
| Interdisciplinary Workshop on Anthropocene Woodlands                        | The Anthropocene Project ( <a href="http://anthropocene.au.dk/">http://anthropocene.au.dk/</a> ), Prof. J-C Svenning, Director BIOCHANGE Center, Aarhus University, Denmark | Participant  |         | 01/2018 - 06/2019 | 06/2018 - 06/2018 |   |

## University Services (07/2017 - 09/2020)

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

| Type of Service | Role   | Name of Committee, Service or Activity  | Service Date         | Invited | Description of Service                     | Comments |
|-----------------|--------|---|----------------------|---------|--|----------|
| Department      | Member | Diversity, Equity, and Inclusion Committee                                    | 07/2020 - To Present | Yes     |  |          |
| Department      | Member | Undergraduate Educational Advisory Committee                                  | 10/2019 - To Present | Yes     | member                                     |          |
| Department      | Member | Academic Planning Committee   | 10/2018 - To Present | Yes     | member                                     |          |
| College         | Member | CNAS Executive Committee  | 10/2019 - To Present | Yes     | Elected member from BPSC                   |          |
| Campus          | Member | Planning Committee Spatial Analysis Minor                                     | 10/2018 - To Present | Yes     | write proposal for Minor                   |          |
| Systemwide      | Member | UC MEXUS-CONACYT Postdoctoral Fellowship and Collaborative Grant competitions | 01/2019 - 12/2019    | Yes     | Plant Biology and Ecology Review Committee |          |

## Public Services (07/2017 - 09/2020)

| Role                               | Organization/Institution                               | Service Date      | Description of Service   | Comments |
|------------------------------------|--|-------------------|--|----------|
| Member, Science Advisory Committee | McDowell Sonoran Conservancy Field Institute (Arizona) | 01/2016 - 12/2017 | Member, Science Advisory Committee, advising on land conservancy research, management and planning |          |

## Teaching Information and Student Support Activities

## Teaching Records (07/2017 - 09/2020)

| Campus       | Quarter     | Team Taught | Course    | Title                           | Units | Enrollment | Cross List | Evaluation Explanation         | Evaluation     |
|--------------|-------------|-------------|-----------|---------------------------------|-------|------------|------------|--------------------------------|----------------|
| UC Riverside | Spring 2020 |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 2          |            |                                |                |
| UC Riverside | Spring 2020 |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 3          |            |                                |                |
| UC Riverside | Spring 2020 |             | BPSC 244  | Species Distribution Modeling   | 4     | 3          |            | Low enrollment due to COVID-19 | Attached below |
| UC Riverside | Winter 2020 |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 2          |            |                                |                |
| UC Riverside | Winter 2020 |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 2          |            |                                |                |
| UC Riverside | Winter 2020 |             | BPSC 240  | FIRE ECOLOGY                    | 2     | 6          |            |                                | Attached below |
| UC Riverside | Fall 2019   |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 2          |            |                                |                |
| UC Riverside | Fall 2019   |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 2          |            |                                |                |
| UC Riverside | Fall 2019   |             | BIOL 284  | SEMINAR IN BIOLOGY              | 2     | 2          |            |                                |                |
| UC Riverside | Spring 2019 |             | BPSC 250  | PLANT BIOLOGY:SEMINAR           | 1     | 45         |            |                                | Attached below |
| UC Riverside | Spring 2019 |             | BPSC 201F | METHODS IN PLANT BIOLOGY        | 2     | 10         |            |                                |                |
| UC Riverside | Spring 2019 |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 1          |            |                                |                |
| UC Riverside | Spring 2019 |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 1          |            |                                |                |
| UC Riverside | Spring 2019 |             | BPSC 225J | ADVNCED TOPICS IN PLANT BIOLOGY | 2     | 10         |            |                                | Attached below |
| UC Riverside | Winter 2019 |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 1          |            |                                |                |
| UC Riverside | Winter 2019 |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 1          |            |                                |                |
| UC Riverside | Fall 2018   |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 1          |            |                                |                |
| UC Riverside | Fall 2018   |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 1          |            |                                |                |
| UC Riverside | Spring 2018 |             | BPSC 291  | INDIVIDUAL STUDY:COORD          | VAR   | 1          |            |                                |                |
| UC Riverside | Spring 2018 |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 1          |            |                                |                |
| UC Riverside | Winter 2018 |             | BPSC 246  | LANDSCAPE ECOLOGY               | 4     | 11         |            |                                | Attached below |
| UC Riverside | Winter 2018 |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 1          |            |                                |                |
| UC Riverside | Fall 2017   |             | BPSC 297  | DIRECTED RESEARCH               | VAR   | 1          |            |                                |                |

## Teaching Releases (07/2017 - 09/2020)

No records found.



## Teaching Statements (07/2017 - 09/2020)

| Year | Statement      |
|------|----------------|
| 2020 | Attached below |

## Other Teaching Info (07/2017 - 09/2020)

| Activity | Date              | First Name      | Last Name | Subject and Course Number | Course Title | Units | Role                   |
|----------|-------------------|-----------------|-----------|---------------------------|--------------|-------|------------------------|
| Post Doc | 08/2017 - 07/2018 | Geoffrey Andrew | Fricker   |                           |              |       | Principal Investigator |

## **Student Instruction And Sponsorship**

### Student Instruction (07/2017 - 09/2020)

| First Name     | Last Name      | Degree | Department/ Degree Program | Committee          | Roles           | Notes | Date              | Reason Ended |
|----------------|----------------|--------|----------------------------|--------------------|-----------------|-------|-------------------|--------------|
| Julia          | Adams          | PhD    | BPSC                       | PhD Dissertation   | , Member        |       | 08/2020 - Present |              |
| Stuart         | Schwab         | PhD    | BPSC                       | PhD Dissertation   | , Member        |       | 06/2020 - Present |              |
| Stephanie      | Piper          | PhD    | BPSC                       | PhD Dissertation   | , Member        |       | 06/2020 - Present |              |
| Tesa           | Madsen-McQueen | PhD    | EEOB                       | Qualifying Exam    | , Member        |       | 01/2020 - Present |              |
| Clarissa       | Rodriguez      | PhD    | BPSC                       | Qualifying Exam    | , Member        |       | 01/2020 - 06/2020 | Completed    |
| Miranda Brooke | Rose           | PhD    | BPSC                       | Advisory Committee | Major Professor |       | 09/2019 - Present |              |
| Stuart         | Schwab         | PhD    | BPSC                       | Qualifying Exam    | , Chair         |       | 09/2019 - 06/2020 | Completed    |
| Kargul         | Meg            | PhD    | BPSC                       | Qualifying Exam    | , Member        |       | 09/2019 - Present |              |
| Stephanie      | Piper          | PhD    | BPSC                       | Qualifying Exam    | , Chair         |       | 09/2019 - 06/2020 | Completed    |
| Clarissa       | Rodriguez      | PhD    | BPSC                       | PhD Dissertation   | , Member        |       | 06/2019 - Present |              |
| Noah           | Teller         | PhD    | BPSC                       | PhD Dissertation   | , Member        |       | 06/2019 - Present |              |
| Julie          | Adams          | PhD    | BPSC                       | Qualifying Exam    | , Member        |       | 01/2019 - 12/2019 | Completed    |
| Matthew        | Green          | PhD    | EEOB                       | Qualifying Exam    | , Member        |       | 01/2019 - 12/2019 | Completed    |
| Glen           | Morrison       | PhD    | BPSC                       | Qualifying Exam    | , Member        |       | 01/2019 - 12/2019 | Completed    |
| Dion           | Kucera         | PhD    | BPSC                       | Qualifying Exam    | , Member        |       | 01/2019 - 12/2019 | Completed    |
| Ryan           | Conway         | PhD    | EEOB                       | Qualifying Exam    | , Member        |       | 01/2019 - 12/2019 | Completed    |
| Tesa           | Madsen-McQueen | PhD    | EEOB                       | Advisory Committee | , Member        |       | 09/2018 - Present |              |
| Ariana         | Firebaugh      | PhD    | EEOB                       | Advisory Committee | , Member        |       | 09/2018 - Present |              |
| Meg            | Kargul         | PhD    | EEOB                       | Advisory Committee | , Member        |       | 09/2018 - Present |              |
| McCann         | Erin           | PhD    | EEOB                       | Advisory Committee | , Member        |       | 09/2018 - Present |              |

|           |           |     |  |                    |                 |                          |                   |           |
|-----------|-----------|-----|--|--------------------|-----------------|--------------------------|-------------------|-----------|
| Noah      | Teller    | PhD | BPSC   | Qualifying Exam    | , Member        |                          | 09/2018 - 06/2019 | Completed |
| Yi        | Huang     | PhD | BPSC   | PhD Dissertation   | , Member        |                          | 06/2018 - Present |           |
| Stephanie | Piper     | PhD | BPSC   | Advisory Committee | , Member        |                          | 09/2017 - Present |           |
| Madison   | Sankovitz | PhD | Entomology   | Advisory Committee | , Member        |                          | 09/2017 - 06/2018 | Completed |
| Yi        | Huang     | PhD | BPSC   | Qualifying Exam    | , Member        |                          | 09/2017 - 06/2018 | Completed |
| Peter     | Ibsen     | PhD | BPSC   | PhD Dissertation   | , Member        |                          | 09/2017 - Present |           |
| Mystyn    | Mills     | PhD | BPSC   | PhD Dissertation   | Major Professor |                          | 09/2017 - Present |           |
| Teresa    | Bohner    | PhD | BPSC   | PhD Dissertation   | , Member        |                          | 09/2017 - Present |           |
| Riley     | Andrade   | PhD | School of Geographical Sciences and Urban Planning / Ph.D. Geography | PhD Dissertation   | Major Professor | Arizona State University | 08/2016 - 05/2020 | Completed |
| Richard   | Inman     | PhD | School of Geographical Sciences and Urban Planning / Ph.D. Geography | PhD Dissertation   | Major Professor | Arizona State University | 08/2014 - 05/2018 | Completed |

## Student Sponsorship (07/2017 - 09/2020)

No records found

## **Fellowship, Grant, and Gift Activities**

### Grants (07/2017 - 09/2020)

| Granting Agency  | Title  | Date                    | Total Award | UCR Amount | Amount to Candidate | Role  | Status  | Is Multi-Investigator Grant | Comments   |
|--|--|-------------------------|-------------|------------|---------------------|-------|---------|-----------------------------|--|
| California Strategic Growth Council Climate Change Research PProgram | Resilient Restoration: Advancing Ecological, Cultural, and Community Resilience with Tribal Nations in Southern California | 10/01/2020 - 03/31/2023 | \$990350    | \$446428   |                     | Co-PI | Pending | Yes                         | There is not a separate budget to the candidate. |
| UCR AES Mission Funding  | Sustainable and resilient natural ecosystems in California in an era of global change                                      | 07/01/2020 - 06/30/2021 | \$29108     | \$29108    | \$29108             | PI    | Current |                             |  |
| VULCAN MATERIALS COMPANY FOUNDATION                                  | Conservation Grazing Evaluation for Cajon Creek Habitat Conservation Management Area                                       | 09/01/2019 - 08/31/2022 | \$25000     | \$25000    |                     | Co-PI | Current | Yes                         | There is not a separate budget to the candidate  |
| National Science Foundation – Geography and Spatial Sciences         | Does Geography Play a Bigger Role Than Species Traits in Explaining Vulnerability of Plants to Global Change?              | 09/01/2019 - 02/28/2023 | \$450000    | \$450000   |                     | Co-PI | Current | Yes                         | There is not a separate budget to the candidate  |
| US DEPARTMENT OF AGRICULTURE FOREST SERVICE                          | Ecological Support for the Powerhouse Fire   | 08/03/2018 - 08/02/2023 | \$288495    | \$288495   |                     | Co-PI | Current | Yes                         | There is not a separate budget to the candidate  |

|                             |  |                         |          |         |          |       |         |     |   |
|-----------------------------|--|-------------------------|----------|---------|----------|-------|---------|-----|---|
| National Science Foundation | Collaborative Research: EAGER-NEON: How do Microscale Biophysical Processes Mediate Ecosystem Shifts during Climate Change-driven Drought? | 12/31/2015 - 12/31/2018 | \$281000 | \$35353 | \$216000 | PI    | Expired | Yes | The grant was transferred to UCR when I was appointed and the amount to UCR reflects that amount of that transfer on the remaining time on the grant. |
| National Science Foundation | Avifauna Persistence and Vulnerabilities: Island Biogeography Across Long Time Scales  | 09/11/2015 - 09/11/2019 | \$474000 | \$32491 | \$130000 | Co-PI | Expired | Yes | The grant was transferred to UCR when I was appointed and the amount to UCR reflects that amount of that transfer on the remaining time on the grant. |

### Gifts (07/2017 - 09/2020)

No records found

## **Memberships/Certifications/Licensures**

### Memberships (07/2017 - 09/2020)

| Name of Organization  | Date From | Date To | Role                 | Description   |
|---|-----------|---------|----------------------|---|
| Ecological Society of America   | 01/1983   | Present | Member               |   |
| American Society of Photogrammetry and Remote Sensing                   | 01/1984   | 01/2002 | Member               |   |
| International Association for Vegetation Science                        | 01/1988   | Present | Member               |   |
| Association Geographers of American                                     | 01/1988   | Present | Member               |   |
| Inaternational Association of LAndscape Ecology - North America chapter | 01/1989   | Present | Member               |   |
| American Association of Geographers                                     | 01/1991   | 01/1993 | Elected Board Member | Biogeography Specialty Group  |
| American Society of Photogrammetry and Remote Sensing                   | 01/1991   | 01/1992 | Selection Committee  | Autometric Award for Outstanding Technical Publication on Photographic Interpretation |
| American Association of   |           |         | Program              |   |

|   |         |         |                                  |   |
|---|---------|---------|----------------------------------|---|
| Geographers   | 01/1992 | 01/1993 | Committee                        | Annual Meeting, San Diego CA  |
| American Association of Geographers                                 | 01/1995 | 01/1997 | Regional Councilor               | Remote Sensing Specialty Group  |
| Ecological Society of America                                       | 01/1995 | 01/1997 | Cooper Award Subcommittee        | Awards Committee  |
| International Association for Vegetation Science                    | 01/2004 | 01/2005 | Vice-Chair of IAVS-North America |   |
| Association for Fire Ecology  | 01/2006 | 01/2009 | Member                           |   |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2006 | 01/2007 | Chair                            | Organizing Committee, US-IALE Annual Symp. San Diego  |
| International Association for Vegetation Science                    | 01/2006 | 01/2007 | Chair of IAVS-North America      |   |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2008 | 01/2010 | Member                           | Meeting Site Selection Committee  |
| American Association for the Advancement of Science                 | 01/2009 | Present | Member                           |   |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2010 | 01/2012 | Chair                            | Meeting Site Selection Committee  |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2010 | 01/2012 | Councilor-at-Large               | Executive Committee   |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2012 | 01/2014 | Member                           | Meeting Site Selection Committee  |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2013 | 01/2014 | President Elect                  |   |
| Ecological Society of America                                       | 01/2013 | 01/2018 | Member                           | Member, Vegetation Classification Panel (advances the US National Vegetation Classification in cooperation with the US Federal Geographical Data Committee) |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2014 | 01/2016 | President                        |   |
| National Academy of Sciences  | 01/2014 | Present | Member                           | Geographical Sciences Committee   |
| Ecological Society of America                                       | 01/2015 | 01/2016 | Member                           | Member, Selection Committee, MacArthur Award  |
| Ecological Society of America                                       | 01/2015 | Present | Member                           | Member, Executive Committee, Vegetation Classification Panel  |
| International Association of Landscape Ecology (US Chapter US-IALE) | 01/2016 | 01/2019 | Member                           | Nominating Committee  |
| American Association for the Advancement of Science                 | 01/2017 | 01/2018 | Chair-Elect                      |   |
| American Academy of Arts and Sciences                               | 01/2017 | 01/2018 | Nomination Committee, Section    |   |
| American Association for the Advancement of Science                 | 01/2018 | 01/2019 | Chair                            | Section of Geography and Geology  |
| National Academy of Sciences  | 01/2018 | 01/2019 | Co-Chair                         | Climate Change and Ecosystems Joint NAS-Royal Society Forum   |
| American Association for the Advancement of Science                 | 01/2019 | 01/2020 | Nominating Committee             | Section on Geology & Geography  |
| American Association for the Advancement of Science                 | 01/2019 | 01/2020 | Retiring Chair                   |   |
| American Association of Geographers                                 | 01/2020 | Present | Member                           | Research Grants Committee, member   |

## Certifications/Licensures (07/2017 - 09/2020)

No records found

## Honors and Awards (07/2017 - 09/2020)

| Year | Type   | Location   | Society/Organization   | Description   |
|------|--|--|--|---|
| 2020 | Outstanding Lifetime Achievement Award                     |  | American Association of Geographers                          | James. J. Parsons Award for Outstanding Lifetime Achievement in Biogeography, Biogeography Specialty Group  |
| 2017 | Outstanding Service Award                                  |  | Association of American Geographers                          | Outstanding Service Award, Spatial Analysis and Modeling Specialty Group  |
| 2016 | Invited Associate Member                                   | Port Elizabeth, South Africa   | Centre for Coastal Paleoscience, Nelson Mandela University   | Associate Member  |
| 2016 | Scholarly Society  |  | American Academy of Arts and Sciences                        | Elected Fellow  |
| 2015 | Scholarly Society  |  | Ecological Society of America                                | Elected Fellow  |
| 2015 | American Association for the Advancement of Science Awards |  | AAAS   | Elected Fellow  |
| 2015 | Regents Professor  |  | Arizona State University                                     | Regents Professor   |
| 2014 | Distinguished Research Award                               | Global Institute of Sustainability   | Arizona State University.                                    | Distinguished Sustainability Scientist  |
| 2014 | National Academy of Science                                | Washington, DC   | National Academies of Science, Engineering and Medicine, USA | Elected Member  |
| 2012 | Honors Faculty   | Barrett Honors College at Arizona State University                         | Barrett Honors College at Arizona State University           | Honors Faculty  |
| 2011 | Invited Keynote Speaker                                    | Boulder, CO  |  | National Environmental Observation Network (NEON) Members Meeting   |
| 2010 | Senior Sustainability Scientist                            | Global Institute of Sustainability   | Arizona State University                                     | Senior Sustainability Scientist   |
| 2008 | Invited Visiting Scholar                                   | The Netherlands; University of Lund, Sweden; University of Southampton, UK | Erasmus Mundus (European Union Education & Training)         | Geo-Information Science and Earth Observation for Environmental Modelling & Management (GEM), International Institute for Geo-Information Science & Earth Observation (ITC), Enschede |
| 2005 | Distinguished Visitor Program                              | Sydney, Australia  | University of New South Wales                                | Women in Science, School of Biological, Environmental and Ecological Sciences (BEES)  |
| 2001 | Editor of The Professional Geographer                      | New York, NY   | Association of American Geographers                          | Recognition of appreciation for outstanding service to the Association of American Geographers as Editor of The Professional Geographer   |
| 1999 | Top 25 Award for Scholarship                               | San Diego, CA  | San Diego State University                                   | Top 25 Award for Scholarship, Office of the President, San Diego State University.  |
| 1993 | Save the Earth Foundation Award                            | San Diego, CA  |  | Save the Earth Foundation Award for Environmental Research in the San Diego Region.   |
| 1990 | Elected Member   |  |  | Elected Member, Phi Beta Delta.   |
| 1989 | Sigma Xi   |  |  | Elected Member, Sigma Xi.   |
| 1987 | Graduate Dissertation Fellowship                           | Santa Barbara, CA  | University of California                                     | UCSB General Affiliates Graduate Dissertation Fellowship  |
| 1987 | NASA Graduate Researchers Fellowship                       |  | NASA   | NASA Graduate Researchers Fellowship  |
| 1977 | Chancellors Scholar  | Santa Barbara  | University of California                                     | Chancellors Scholar, University of California, Santa Barbara.   |

## Employment History (07/2017 - 09/2020)

| From Date | To Date | Organization/Institution/Firm   | Location                 | Rank, Title or Position   |
|-----------|---------|---|--------------------------|---|
| 08/2017   | 07/2020 | Arizona State University, School of Geographical Sciences and Urban Planning              | Tempe, AZ                | Adjunct Professor   |
| 07/2017   | Present | University of California, Department of Botany and Plant Sciences                         | Riverside, CA            | Distinguished Professor and Distinguished Biogeographer                             |
| 07/2017   | Present | University of California  | Riverside, CA            | Cooperating Faculty Member, Department of Evolution, Ecology and Organismal Biology |
| 07/2017   | Present | University of California  | Riverside, CA            | Faculty Affiliated Member, Geospatial Sciences Center (GSC)                         |
| 08/2015   | 07/2017 | Arizona State University, School of Geographical Sciences and Urban Planning              | Tempe, AZ                | Regents' Professor  |
| 08/2009   | 07/2015 | Arizona State University, School of Geographical Sciences and Urban Planning              | Tempe, AZ                | Professor   |
| 08/2009   | 07/2012 | Arizona State University, School of Life Sciences   | Tempe, AZ                | Professor   |
| 08/2006   | 07/2009 | San Diego State University, Department of Biology   | San Diego, CA            | Associate Chair   |
| 08/2002   | 07/2009 | San Diego State University, Department of Biology   | San Diego, CA            | Professor   |
| 08/2002   | 07/2009 | San Diego State University  | San Diego, CA            | Adjunct Professor of Geography  |
| 07/2001   | 08/2002 | University of Queensland, Department of Geographical Sciences and Planning (sabbatical)   | Brisbane, Qld, Australia | Visiting Research Professor   |
| 08/1995   | 07/2002 | San Diego State University, Department of Geography                                       | San Diego, CA            | Professor   |
| 08/1992   | 07/1995 | San Diego State University, Department of Geography                                       | San Diego, CA            | Associate Professor   |
| 08/1989   | 07/1992 | San Diego State University, Department of Geography                                       | San Diego, CA            | Assistant Professor   |
| 08/1989   | 07/2002 | San Diego State University, Center for Earth Systems Analysis Research                    | San Diego, CA            | Co-Director   |
| 08/1988   | 07/1989 | San Diego State University, Department of Geography                                       | San Diego, CA            | Visiting Lecturer   |
| 08/1984   | 07/1988 | University of California  | Santa Barbara, CA        | Postgraduate Researcher and Teaching Assistant                                      |
| 08/1983   | 07/1984 | Universities Space Research Association, Planning support for NASA Pilot Land Data System | Washington, DC           | Staff Scientist   |
| 08/1978   | 07/1983 | University of California, Remote Sensing Research Unit, Department of Geography           | Santa Barbara, CA        | Research Assistant  |

## Education History (07/2017 - 09/2020)

| Date of Attendance | School/ College/ University/ Hospital | Major Subject/ Field  | Degree/ Certificate | Year Degree Received/ Planned | Location      | Still in Progress |
|--------------------|---------------------------------------|-----------------------|---------------------|-------------------------------|---------------|-------------------|
| 1984 - 1988        | University of California              | Geography             | PhD                 | 1988                          | Santa Barbara | No                |
| 1980 - 1983        | University of California              | Geography             | M.A.                | 1983                          | Santa Barbara | No                |
| 1976 - 1979        | University of California              | Environmental Biology | B.A.                | 1979                          | Santa Barbara | No                |

## Self Statements (07/2017 - 09/2020)

| Applicable Date | Action | Statement      |
|-----------------|--------|----------------|
| 09/2020         | Merit  | Attached below |

## Other Information

### Non-Confidential Document (07/2017 - 09/2020)

| Document Type      | Document Date | Last Name  | First Name | Attachment     |
|--------------------|---------------|------------|------------|----------------|
| Invitation Letters | 04/2019       | O'Sullivan | David      | Attached below |
| Invitation Letters | 01/2018       | Minchin    | Peter      | Attached below |

### Letter from Other Departments/Programs, Institutes and Centers (07/2017 - 09/2020)

There are no Letters from Other Departments/Programs, Institutes and Centers.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval)

## Spring 2020

Course: BPSC 244 Section: 001 - SPECIES DISTRIBUTION  
 MODELING  
 Instructor: Janet Franklin  
 Home Dept.: Botany and Plant Sciences

Enrollment: 3  
 Respondents: 2  
 Response Rate: 67%

Enrollment: 883  
 Respondents: 295  
 Response Rate: 33%

Enrollment: 75069  
 Respondents: 27600  
 Response Rate: 37%

| Questions  | Course    |   |   |   |          |     | Department |     |     |        | Campus |     |     |        |      |     |     |
|--|-----------|---|---|---|----------|-----|------------|-----|-----|--------|--------|-----|-----|--------|------|-----|-----|
|  | 5<br>High | 4 | 3 | 2 | 1<br>Low | N/A | Mean       | Med | SD  | % tile | Mean   | Med | SD  | % tile | Mean | Med | SD  |
| 1 I had a strong desire to take this course  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.15  | 4.15   | 4.0 | 1.0 | 99.88  | 4.10 | 4.0 | 1.0 |
| 2 I attended class regularly   | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.15  | 4.34   | 5.0 | 0.9 | 99.87  | 4.47 | 5.0 | 0.8 |
| 3 I put considerable effort into this course   | 1         | 1 | - | - | -        | -   | 4.50       | 4.5 | 0.7 | 53.57  | 4.39   | 4.0 | 0.7 | 61.11  | 4.44 | 5.0 | 0.7 |
| 4 I gained a good understanding of the course content  | 1         | 1 | - | - | -        | -   | 4.50       | 4.5 | 0.7 | 50.00  | 4.23   | 4.0 | 0.9 | 69.85  | 4.28 | 4.0 | 0.9 |
| 5 I normally spent at least two hours preparing for each hour of class   | 1         | 1 | - | - | -        | -   | 4.50       | 4.5 | 0.7 | 82.14  | 3.89   | 4.0 | 1.0 | 91.20  | 4.01 | 4.0 | 1.0 |
| 6 Instructor was prepared and organized  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.43  | 4.46   | 5.0 | 0.7 | 99.88  | 4.45 | 5.0 | 0.9 |
| 7 Instructor used class time effectively   | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.67  | 4.37   | 5.0 | 0.9 | 99.87  | 4.41 | 5.0 | 0.9 |
| 8 Instructor was clear and understandable  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.88  | 4.31   | 5.0 | 1.0 | 99.88  | 4.38 | 5.0 | 0.9 |
| 9 Instructor exhibited enthusiasm for subject and teaching   | 1         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 95.83  | 4.45   | 5.0 | 0.9 | 99.87  | 4.53 | 5.0 | 0.8 |
| 10 Instructor respected students; sensitive to and concerned with their progress   | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.43  | 4.47   | 5.0 | 0.9 | 99.88  | 4.47 | 5.0 | 0.9 |
| 11 Instructor was available and helpful  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 95.83  | 4.49   | 5.0 | 0.8 | 99.87  | 4.46 | 5.0 | 0.9 |
| 12 Instructor was fair in evaluating students  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.15  | 4.45   | 5.0 | 0.9 | 99.87  | 4.43 | 5.0 | 0.9 |
| 13 Instructor was effective as a teacher overall   | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.88  | 4.46   | 5.0 | 0.8 | 99.88  | 4.41 | 5.0 | 0.9 |
| 14 The syllabus clearly explained the structure of the courses   | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 97.06  | 4.45   | 5.0 | 0.8 | 99.87  | 4.48 | 5.0 | 0.8 |
| 15 The examinations reflected the materials covered during the course  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.88  | 4.39   | 5.0 | 0.9 | 99.87  | 4.43 | 5.0 | 0.8 |
| 16 The required readings contributed to my learning  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.67  | 4.31   | 5.0 | 0.9 | 99.88  | 4.30 | 5.0 | 0.9 |
| 17 The assignments contributed to my learning  | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 95.83  | 4.44   | 5.0 | 0.8 | 99.87  | 4.42 | 5.0 | 0.8 |
| 18 Supplementary materials were informative (e.g. films, slides, videos, demonstrations, guest lectures, iLearn, web pages, etc) | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.67  | 4.45   | 5.0 | 0.8 | 99.87  | 4.39 | 5.0 | 0.8 |
| 19 The course overall as a learning experience was excellent   | 2         | - | - | - | -        | -   | 5.00       | 5.0 | 0.0 | 96.67  | 4.35   | 5.0 | 0.9 | 99.88  | 4.31 | 5.0 | 1.0 |

\* The number of N/A is not included in the Mean, Median, and S.D. calculation.





# UC RIVERSIDE - Faculty Instruction Evaluation (iEval) Spring 2020

Course: BPSC 244 Section: 001 - SPECIES DISTRIBUTION MODELING  
Instructor: Janet Franklin

**Question # 20:** Please comment on how the instructor's teaching helped your learning of the material in this course. Please give serious thought to your comments. Your comments will be studied by the professor after the grade and performance evaluation of your work have been submitted and may be used in changing future offerings of the course. In addition, these comments are placed in the instructor's file and may be used for purposes of evaluating the instructor's teaching. The information collected will remain anonymous.

- I loved this course. I will be using species distribution modeling extensively in my dissertation and I know that I will keep the exercises for review later. I always felt comfortable asking questions and the class had a very collaborative feel (even over Zoom!)
- Despite the recent environment working against her, she was very supportive and did her best to provide the best course she could. She recorded lectures, provided a lot of supplementary materials that could benefit everyone not only for learning from this course but also in the long run. She was very responsive to emails and her course materials were very well-structured to minimize any confusion. I really appreciate all her work and effort she has put into this course.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval) Winter 2020

Course: BPSC 240 Section: 001 - FIRE ECOLOGY  
 Instructor: Janet Franklin  
 Home Dept.: Botany and Plant Sciences

Enrollment: 6  
 Respondents: 2  
 Response Rate: 33%

Enrollment: 2178  
 Respondents: 750  
 Response Rate: 34%

Enrollment: 78545  
 Respondents: 30929  
 Response Rate: 39%

| Questions  | Course    |   |   |   |          |     |      | Department |     |        |      | Campus |     |        |      |     |     |
|--|-----------|---|---|---|----------|-----|------|------------|-----|--------|------|--------|-----|--------|------|-----|-----|
|  | 5<br>High | 4 | 3 | 2 | 1<br>Low | N/A | Mean | Med        | SD  | % tile | Mean | Med    | SD  | % tile | Mean | Med | SD  |
| 1 I had a strong desire to take this course  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.28  | 4.01 | 4.0    | 1.0 | 99.89  | 3.96 | 4.0 | 1.1 |
| 2 I attended class regularly   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.62  | 4.47 | 5.0    | 0.9 | 99.86  | 4.49 | 5.0 | 0.8 |
| 3 I put considerable effort into this course   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.00  | 4.45 | 5.0    | 0.7 | 99.87  | 4.39 | 5.0 | 0.8 |
| 4 I gained a good understanding of the course content  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.08  | 4.21 | 4.0    | 0.8 | 99.89  | 4.21 | 4.0 | 0.9 |
| 5 I normally spent at least two hours preparing for each hour of class   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.21  | 3.90 | 4.0    | 1.0 | 99.89  | 3.88 | 4.0 | 1.1 |
| 6 Instructor was prepared and organized  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.33  | 4.44 | 5.0    | 0.8 | 99.88  | 4.41 | 5.0 | 0.9 |
| 7 Instructor used class time effectively   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.33  | 4.41 | 5.0    | 0.8 | 99.88  | 4.37 | 5.0 | 0.9 |
| 8 Instructor was clear and understandable  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.28  | 4.24 | 4.0    | 0.9 | 99.89  | 4.26 | 5.0 | 1.0 |
| 9 Instructor exhibited enthusiasm for subject and teaching   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.08  | 4.50 | 5.0    | 0.8 | 99.87  | 4.52 | 5.0 | 0.8 |
| 10 Instructor respected students; sensitive to and concerned with their progress   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.21  | 4.51 | 5.0    | 0.7 | 99.88  | 4.45 | 5.0 | 0.8 |
| 11 Instructor was available and helpful  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.08  | 4.43 | 5.0    | 0.8 | 99.88  | 4.41 | 5.0 | 0.8 |
| 12 Instructor was fair in evaluating students  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.21  | 4.39 | 5.0    | 0.8 | 99.88  | 4.39 | 5.0 | 0.9 |
| 13 Instructor was effective as a teacher overall   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.15  | 4.33 | 5.0    | 0.9 | 99.88  | 4.33 | 5.0 | 0.9 |
| 14 The syllabus clearly explained the structure of the courses   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.39  | 4.42 | 5.0    | 0.8 | 99.88  | 4.46 | 5.0 | 0.8 |
| 15 The examinations reflected the materials covered during the course  | -         | - | 2 | - | -        | -   | 3.00 | 3.0        | 0.0 | 1.85   | 4.31 | 5.0    | 0.9 | 1.07   | 4.37 | 5.0 | 0.9 |
| 16 The required readings contributed to my learning  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.28  | 4.05 | 4.0    | 1.0 | 99.89  | 4.20 | 4.0 | 1.0 |
| 17 The assignments contributed to my learning  | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.15  | 4.26 | 4.0    | 0.9 | 99.88  | 4.33 | 5.0 | 0.9 |
| 18 Supplementary materials were informative (e.g. films, slides, videos, demonstrations, guest lectures, iLearn, web pages, etc) | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.15  | 4.29 | 4.0    | 0.8 | 99.88  | 4.32 | 5.0 | 0.9 |
| 19 The course overall as a learning experience was excellent   | 2         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 98.21  | 4.22 | 4.0    | 0.9 | 99.89  | 4.25 | 5.0 | 1.0 |

\* The number of N/A is not included in the Mean, Median, and S.D. calculation.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval) Winter 2020

Course: BPSC 240 Section: 001 - FIRE ECOLOGY  
Instructor: Janet Franklin

**Question # 20:** Please comment on how the instructor's teaching helped your learning of the material in this course. Please give serious thought to your comments. Your comments will be studied by the professor after the grade and performance evaluation of your work have been submitted and may be used in changing future offerings of the course. In addition, these comments are placed in the instructor's file and may be used for purposes of evaluating the instructor's teaching. The information collected will remain anonymous.

- Dr. Franklin provided insight during each discussion period and helped the class better understand the assigned readings. She treats students with respect and created an open, engaging learning environment. I really enjoyed this course and Dr. Franklin is an excellent instructor.
- Reviewing fire literature and concepts was very helpful to understand the fire concepts, specially when for understanding the fire regime of southern California's chaparral. I thought the core papers that were selected were great, although sometimes they were a little dense. I also think that having had the opportunity to presented three times during the course, gave us the opportunity to better understand the material.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval) Spring 2019

Course: BPSC 250 Section: 001 - PLANT BIOLOGY:SEMINAR  
 Instructor: Janet Franklin  
 Home Dept.: Botany and Plant Sciences

Enrollment: 45  
 Respondents: 11  
 Response Rate: 24%

Enrollment: 1268  
 Respondents: 566  
 Response Rate: 45%

Enrollment: 72507  
 Respondents: 29569  
 Response Rate: 41%

| Questions  | Course   |          |          |          |          |            |      | Department |     |        |      | Campus |     |        |      |     |     |
|--|----------|----------|----------|----------|----------|------------|------|------------|-----|--------|------|--------|-----|--------|------|-----|-----|
|  | <u>5</u> | <u>4</u> | <u>3</u> | <u>2</u> | <u>1</u> | <u>N/A</u> | Mean | Med        | SD  | % tile | Mean | Med    | SD  | % tile | Mean | Med | SD  |
|  | High     |          |          |          | Low      |            |      |            |     |        |      |        |     |        |      |     |     |
| 1 I had a strong desire to take this course  | 2        | 5        | 3        | 1        | -        | -          | 3.73 | 4.0        | 0.9 | 34.21  | 3.94 | 4.0    | 1.0 | 28.39  | 3.99 | 4.0 | 1.1 |
| 2 I attended class regularly   | 7        | 4        | -        | -        | -        | -          | 4.64 | 5.0        | 0.5 | 55.88  | 4.47 | 5.0    | 0.8 | 75.61  | 4.42 | 5.0 | 0.9 |
| 3 I put considerable effort into this course   | 1        | 3        | 4        | -        | 2        | -          | 3.10 | 3.0        | 1.3 | 2.38   | 4.40 | 5.0    | 0.8 | 0.66   | 4.36 | 5.0 | 0.8 |
| 4 I gained a good understanding of the course content  | 2        | 5        | 4        | -        | -        | -          | 3.82 | 4.0        | 0.8 | 7.89   | 4.13 | 4.0    | 0.8 | 20.76  | 4.20 | 4.0 | 0.9 |
| 5 I normally spent at least two hours preparing for each hour of class   | 1        | 2        | 2        | 1        | 4        | -          | 2.50 | 2.5        | 1.5 | 2.94   | 3.75 | 4.0    | 1.1 | 0.84   | 3.88 | 4.0 | 1.1 |
| 6 Instructor was prepared and organized  | 6        | 4        | 1        | -        | -        | -          | 4.45 | 5.0        | 0.7 | 47.50  | 4.41 | 5.0    | 0.8 | 53.01  | 4.39 | 5.0 | 0.9 |
| 7 Instructor used class time effectively   | 5        | 5        | 1        | -        | -        | -          | 4.36 | 4.0        | 0.7 | 47.50  | 4.32 | 4.0    | 0.8 | 50.97  | 4.34 | 5.0 | 0.9 |
| 8 Instructor was clear and understandable  | 7        | 2        | 2        | -        | -        | -          | 4.45 | 5.0        | 0.8 | 50.00  | 4.26 | 4.0    | 0.9 | 61.29  | 4.29 | 5.0 | 1.0 |
| 9 Instructor exhibited enthusiasm for subject and teaching   | 7        | 2        | 1        | -        | -        | -          | 4.60 | 5.0        | 0.7 | 60.53  | 4.48 | 5.0    | 0.8 | 58.59  | 4.50 | 5.0 | 0.8 |
| 10 Instructor respected students; sensitive to and concerned with their progress   | 6        | 2        | 2        | -        | -        | -          | 4.40 | 5.0        | 0.8 | 55.88  | 4.31 | 4.0    | 0.8 | 46.14  | 4.42 | 5.0 | 0.9 |
| 11 Instructor was available and helpful  | 4        | 2        | 4        | -        | -        | -          | 4.00 | 4.0        | 0.9 | 14.71  | 4.27 | 4.0    | 0.8 | 20.64  | 4.38 | 5.0 | 0.9 |
| 12 Instructor was fair in evaluating students  | 5        | 3        | 2        | -        | -        | -          | 4.30 | 4.5        | 0.8 | 34.21  | 4.16 | 4.0    | 0.9 | 43.91  | 4.36 | 5.0 | 0.9 |
| 13 Instructor was effective as a teacher overall   | 7        | 3        | -        | -        | -        | -          | 4.70 | 5.0        | 0.5 | 69.05  | 4.27 | 4.0    | 0.9 | 79.93  | 4.32 | 5.0 | 0.9 |
| 14 The syllabus clearly explained the structure of the courses   | 5        | 3        | 3        | -        | -        | -          | 4.18 | 4.0        | 0.9 | 26.47  | 4.27 | 4.0    | 0.8 | 27.05  | 4.43 | 5.0 | 0.8 |
| 15 The examinations reflected the materials covered during the course  | 3        | 2        | 4        | -        | -        | -          | 3.89 | 4.0        | 0.9 | 18.42  | 4.15 | 4.0    | 0.9 | 17.52  | 4.35 | 5.0 | 0.9 |
| 16 The required readings contributed to my learning  | 2        | 2        | 5        | -        | -        | -          | 3.67 | 3.0        | 0.9 | 8.82   | 3.93 | 4.0    | 1.0 | 12.71  | 4.22 | 4.0 | 0.9 |
| 17 The assignments contributed to my learning  | 2        | 2        | 5        | -        | -        | -          | 3.67 | 3.0        | 0.9 | 17.50  | 3.91 | 4.0    | 1.0 | 9.38   | 4.32 | 5.0 | 0.9 |
| 18 Supplementary materials were informative (e.g. films, slides, videos, demonstrations, guest lectures, iLearn, web pages, etc) | 3        | 2        | 4        | -        | -        | -          | 3.89 | 4.0        | 0.9 | 22.50  | 4.11 | 4.0    | 0.9 | 19.44  | 4.31 | 5.0 | 0.9 |
| 19 The course overall as a learning experience was excellent   | 3        | 6        | 2        | -        | -        | -          | 4.09 | 4.0        | 0.7 | 32.35  | 4.07 | 4.0    | 0.9 | 37.94  | 4.24 | 5.0 | 1.0 |

\* The number of N/A is not included in the Mean, Median, and S.D. calculation.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval) Spring 2019

Course: BPSC 250 Section: 001 - PLANT BIOLOGY:SEMINAR  
Instructor: Janet Franklin

**Question # 20:** Please comment on how the instructor's teaching helped your learning of the material in this course. Please give serious thought to your comments. Your comments will be studied by the professor after the grade and performance evaluation of your work have been submitted and may be used in changing future offerings of the course. In addition, these comments are placed in the instructor's file and may be used for purposes of evaluating the instructor's teaching. The information collected will remain anonymous.

- Good professor.
- It is always hard to answer these evals for seminar. She was a good host for speakers and the sign in sheet was good at the front.
- Great host for BPSC 250



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval)

## Spring 2019

Course: BPSC 225J Section: 001 - ADVNCD TOPICS IN PLANT BIOLOGY  
 Instructor: Janet Franklin  
 Home Dept.: Botany and Plant Sciences

Enrollment: 10  
 Respondents: 5  
 Response Rate: 50%

Enrollment: 1268  
 Respondents: 566  
 Response Rate: 45%

Enrollment: 72507  
 Respondents: 29569  
 Response Rate: 41%

| Questions  | Course    |   |   |   |          |     |      | Department |     |        |      | Campus |     |        |      |     |     |
|--|-----------|---|---|---|----------|-----|------|------------|-----|--------|------|--------|-----|--------|------|-----|-----|
|  | 5<br>High | 4 | 3 | 2 | 1<br>Low | N/A | Mean | Med        | SD  | % tile | Mean | Med    | SD  | % tile | Mean | Med | SD  |
| 1 I had a strong desire to take this course  | 4         | 1 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 92.11  | 3.94 | 4.0    | 1.0 | 96.44  | 3.99 | 4.0 | 1.1 |
| 2 I attended class regularly   | 4         | 1 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 73.53  | 4.47 | 5.0    | 0.8 | 89.78  | 4.42 | 5.0 | 0.9 |
| 3 I put considerable effort into this course   | 3         | 2 | - | - | -        | -   | 4.60 | 5.0        | 0.5 | 64.29  | 4.40 | 5.0    | 0.8 | 80.71  | 4.36 | 5.0 | 0.8 |
| 4 I gained a good understanding of the course content  | 2         | 3 | - | - | -        | -   | 4.40 | 4.0        | 0.5 | 55.26  | 4.13 | 4.0    | 0.8 | 70.64  | 4.20 | 4.0 | 0.9 |
| 5 I normally spent at least two hours preparing for each hour of class   | 2         | 1 | 1 | 1 | -        | -   | 3.80 | 4.0        | 1.3 | 61.76  | 3.75 | 4.0    | 1.1 | 41.17  | 3.88 | 4.0 | 1.1 |
| 6 Instructor was prepared and organized  | 5         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.50  | 4.41 | 5.0    | 0.8 | 99.87  | 4.39 | 5.0 | 0.9 |
| 7 Instructor used class time effectively   | 4         | 1 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 92.50  | 4.32 | 4.0    | 0.8 | 90.88  | 4.34 | 5.0 | 0.9 |
| 8 Instructor was clear and understandable  | 4         | 1 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 92.11  | 4.26 | 4.0    | 0.9 | 91.18  | 4.29 | 5.0 | 1.0 |
| 9 Instructor exhibited enthusiasm for subject and teaching   | 5         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.37  | 4.48 | 5.0    | 0.8 | 99.87  | 4.50 | 5.0 | 0.8 |
| 10 Instructor respected students; sensitive to and concerned with their progress   | 5         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.06  | 4.31 | 4.0    | 0.8 | 99.87  | 4.42 | 5.0 | 0.9 |
| 11 Instructor was available and helpful  | 5         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.06  | 4.27 | 4.0    | 0.8 | 99.87  | 4.38 | 5.0 | 0.9 |
| 12 Instructor was fair in evaluating students  | 2         | 2 | 1 | - | -        | -   | 4.20 | 4.0        | 0.8 | 28.95  | 4.16 | 4.0    | 0.9 | 36.69  | 4.36 | 5.0 | 0.9 |
| 13 Instructor was effective as a teacher overall   | 5         | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.62  | 4.27 | 4.0    | 0.9 | 99.88  | 4.32 | 5.0 | 0.9 |
| 14 The syllabus clearly explained the structure of the courses   | 4         | 1 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 91.18  | 4.27 | 4.0    | 0.8 | 89.87  | 4.43 | 5.0 | 0.8 |
| 15 The examinations reflected the materials covered during the course  | 1         | 2 | 2 | - | -        | -   | 3.80 | 4.0        | 0.8 | 13.16  | 4.15 | 4.0    | 0.9 | 13.94  | 4.35 | 5.0 | 0.9 |
| 16 The required readings contributed to my learning  | 4         | 1 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 97.06  | 3.93 | 4.0    | 1.0 | 95.13  | 4.22 | 4.0 | 0.9 |
| 17 The assignments contributed to my learning  | 2         | 3 | - | - | -        | -   | 4.40 | 4.0        | 0.5 | 57.50  | 3.91 | 4.0    | 1.0 | 57.38  | 4.32 | 5.0 | 0.9 |
| 18 Supplementary materials were informative (e.g. films, slides, videos, demonstrations, guest lectures, iLearn, web pages, etc) | 3         | 2 | - | - | -        | -   | 4.60 | 5.0        | 0.5 | 67.50  | 4.11 | 4.0    | 0.9 | 77.17  | 4.31 | 5.0 | 0.9 |
| 19 The course overall as a learning experience was excellent   | 3         | 2 | - | - | -        | -   | 4.60 | 5.0        | 0.5 | 67.65  | 4.07 | 4.0    | 0.9 | 78.13  | 4.24 | 5.0 | 1.0 |

\* The number of N/A is not included in the Mean, Median, and S.D. calculation.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval)

## Spring 2019

Course: Bpsc 225J Section: 001 - ADVNCD TOPICS IN PLANT BIOLOGY  
Instructor: Janet Franklin

**Question # 20:** Please comment on how the instructor's teaching helped your learning of the material in this course. Please give serious thought to your comments. Your comments will be studied by the professor after the grade and performance evaluation of your work have been submitted and may be used in changing future offerings of the course. In addition, these comments are placed in the instructor's file and may be used for purposes of evaluating the instructor's teaching. The information collected will remain anonymous.

- I really like Janet's teaching. This course is well-organized. The only suggestion that I can give for the improvement is to make the instruction of the report more clear and maybe show an example of the written-report. I have to admit that writing the report of lab exercise is very helpful for me in understanding the contents. But I feel I have spent so much time on it and sometimes doubt if it is because of my misunderstanding on the requirement. In generally, I really love this course.
- I overall really enjoyed the class, but I did struggle at the end with fully synthesizing all of the material. This was probably a function of the fact that it is a lot of diverse material and I was not always on top of my reading (my own fault). Regarding the books, to me I think having two books created a lot of (potentially) unnecessary reading. I did find that it was helpful to have two ways of explaining the same thing, but maybe it would be helpful to choose one of the books to be more of a suggested reading if the student wants additional explanation, while one remaining the main text for the class? I did not strongly prefer one book over the other. Alternatively, perhaps both books could be used, but the "better" version for each topic could be assigned so student's aren't reading all topics in both books. Regarding the labs, I found the R code to be extremely helpful, but it wasn't until I started working on my final project that I realized how complicated the data manipulation could be. The labs all have cleaned datasets (for the most part) and I definitely struggled with getting environmental data from multiple sources into the same form so they could be used together. I wonder if there could be a way to start applying the R code from our labs to our own datasets in class earlier on? I don't know if there is a way to reduce the current labs, but if the week's labs could be one day and then the second day lab is using the same code, but applied to our own dataset? I think this would make the class more challenging, but would be extremely helpful over just "running" the code and trying to understand the outputs. Overall, I loved this class and Janet was a great teacher. Despite her busy schedule, she always made herself available for student meetings (even on weekends!) She is really knowledgeable on the forefront of distribution modeling so she is an invaluable resource in the classroom.
- The class is an excellent introduction to species distribution modeling--providing students with the information, tools, and experience to effectively implement SDMs in their own work. The instructor was more than considerate of the grad student's time, demonstrating ample flexibility to accommodate their outside research responsibilities. Overall, I have come out of the class confident in my ability to use SDMs in my own research and to explore the subject in depth on my own.
- I really liked this course! I think Janet did a good job synthesizing all of her knowledge on the subject into a class using the two books. I thought Janet spent class time well and she was extremely helpful when I had trouble with classwork and my project. One thing I think could be improved is having better integration between the two books. I know that with the two books that would be challenging but it was confusing when we had one chapter in Janet's book and then did the same thing in the hdsr book. Another thing that I think could be improved are the assignments. What we did in a previous class (Marko S.'s class) that I liked is we would go through the script together (like we do in Janet's class), but then we would be given different data and the assignment would be to replicate what we did together on our own. I think this would help us understand the intricacies of the R scripts better than just doing the summaries. Maybe combine the two! I conclusion I really liked this class! It was well taught and the information I learned is going to be very helpful in my future.



# UC RIVERSIDE - Faculty Instruction Evaluation (iEval)

## Winter 2018

Course: BPSC 246 Section: 001 - LANDSCAPE ECOLOGY  
 Instructor: Janet Franklin  
 Home Dept.: Botany and Plant Sciences

Enrollment: 11  
 Respondents: 10  
 Response Rate: 91%

Enrollment: 1524  
 Respondents: 648  
 Response Rate: 43%

Enrollment: 73633  
 Respondents: 42187  
 Response Rate: 57%

| Questions  | Course    |   |   |   |          |     |      | Department |     |        |      | Campus |     |        |      |     |     |
|--|-----------|---|---|---|----------|-----|------|------------|-----|--------|------|--------|-----|--------|------|-----|-----|
|  | 5<br>High | 4 | 3 | 2 | 1<br>Low | N/A | Mean | Med        | SD  | % tile | Mean | Med    | SD  | % tile | Mean | Med | SD  |
| 1 I had a strong desire to take this course  | 6         | 4 | - | - | -        | -   | 4.60 | 5.0        | 0.5 | 81.58  | 4.00 | 4.0    | 0.9 | 92.81  | 3.93 | 4.0 | 1.1 |
| 2 I attended class regularly   | 8         | 2 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 80.77  | 4.51 | 5.0    | 0.8 | 91.98  | 4.46 | 5.0 | 0.8 |
| 3 I put considerable effort into this course   | 8         | 2 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 88.64  | 4.40 | 5.0    | 0.7 | 95.70  | 4.34 | 4.0 | 0.8 |
| 4 I gained a good understanding of the course content  | 7         | 3 | - | - | -        | -   | 4.70 | 5.0        | 0.5 | 79.55  | 4.19 | 4.0    | 0.8 | 91.89  | 4.18 | 4.0 | 0.9 |
| 5 I normally spent at least two hours preparing for each hour of class   | 6         | 4 | - | - | -        | -   | 4.60 | 5.0        | 0.5 | 92.50  | 3.82 | 4.0    | 1.0 | 95.14  | 3.84 | 4.0 | 1.1 |
| 6 Instructor was prepared and organized  | 8         | 2 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 82.50  | 4.37 | 5.0    | 0.8 | 91.67  | 4.38 | 5.0 | 0.9 |
| 7 Instructor used class time effectively   | 7         | 2 | - | 1 | -        | -   | 4.50 | 5.0        | 1.0 | 64.29  | 4.28 | 5.0    | 0.9 | 64.82  | 4.34 | 5.0 | 0.9 |
| 8 Instructor was clear and understandable  | 9         | 1 | - | - | -        | -   | 4.90 | 5.0        | 0.3 | 83.33  | 4.18 | 4.0    | 0.9 | 97.54  | 4.26 | 5.0 | 1.0 |
| 9 Instructor exhibited enthusiasm for subject and teaching   | 9         | 1 | - | - | -        | -   | 4.90 | 5.0        | 0.3 | 86.84  | 4.53 | 5.0    | 0.8 | 94.35  | 4.48 | 5.0 | 0.8 |
| 10 Instructor respected students; sensitive to and concerned with their progress   | 9         | 1 | - | - | -        | -   | 4.90 | 5.0        | 0.3 | 92.86  | 4.50 | 5.0    | 0.7 | 96.83  | 4.42 | 5.0 | 0.8 |
| 11 Instructor was available and helpful  | 9         | 1 | - | - | -        | -   | 4.90 | 5.0        | 0.3 | 87.50  | 4.45 | 5.0    | 0.8 | 97.48  | 4.38 | 5.0 | 0.8 |
| 12 Instructor was fair in evaluating students  | 9         | 1 | - | - | -        | -   | 4.90 | 5.0        | 0.3 | 92.50  | 4.39 | 5.0    | 0.8 | 98.08  | 4.36 | 5.0 | 0.9 |
| 13 Instructor was effective as a teacher overall   | 7         | 3 | - | - | -        | -   | 4.70 | 5.0        | 0.5 | 69.05  | 4.33 | 5.0    | 0.9 | 84.36  | 4.32 | 5.0 | 0.9 |
| 14 The syllabus clearly explained the structure of the courses   | 10        | - | - | - | -        | -   | 5.00 | 5.0        | 0.0 | 97.37  | 4.45 | 5.0    | 0.7 | 99.89  | 4.42 | 5.0 | 0.8 |
| 15 The examinations reflected the materials covered during the course  | 9         | 1 | - | - | -        | -   | 4.90 | 5.0        | 0.3 | 93.18  | 4.28 | 4.0    | 0.9 | 98.45  | 4.34 | 5.0 | 0.9 |
| 16 The required readings contributed to my learning  | 8         | 2 | - | - | -        | -   | 4.80 | 5.0        | 0.4 | 84.78  | 4.16 | 4.0    | 0.9 | 95.33  | 4.20 | 4.0 | 0.9 |
| 17 The assignments contributed to my learning  | 7         | 3 | - | - | -        | -   | 4.70 | 5.0        | 0.5 | 84.78  | 4.24 | 4.0    | 0.9 | 89.31  | 4.31 | 5.0 | 0.9 |
| 18 Supplementary materials were informative (e.g. films, slides, videos, demonstrations, guest lectures, iLearn, web pages, etc) | 6         | 2 | 1 | 1 | -        | -   | 4.30 | 5.0        | 1.1 | 52.08  | 4.22 | 4.0    | 0.8 | 51.46  | 4.29 | 4.0 | 0.9 |
| 19 The course overall as a learning experience was excellent   | 7         | 3 | - | - | -        | -   | 4.70 | 5.0        | 0.5 | 74.00  | 4.26 | 4.0    | 0.9 | 87.45  | 4.24 | 4.0 | 1.0 |

\* The number of N/A is not included in the Mean, Median, and S.D. calculation.





# UC RIVERSIDE - Faculty Instruction Evaluation (iEval)

## Winter 2018

Course: BPS 246 Section: 001 - LANDSCAPE ECOLOGY  
Instructor: Janet Franklin

**Question # 20:** Please comment on how the instructor's teaching helped your learning of the material in this course. Please give serious thought to your comments. Your comments will be studied by the professor after the grade and performance evaluation of your work have been submitted and may be used in changing future offerings of the course. In addition, these comments are placed in the instructor's file and may be used for purposes of evaluating the instructor's teaching. The information collected will remain anonymous.

- This was a very worthwhile course. The topics covered have changed my perspective and caused me to consider ecological and practical research concerns I had not previously thought much about.
- I thought the lesson plan was great and the discussion format of the course was effective in keeping me interested and engaged in the material.
- Overall I thought this was a great course. The division between lecture/reading review and paper discussion was a good way to break up the class and keep interest. I would suggest not running through as much of the exercises in class and expecting more of them to be completed on students' own time, with maybe 30-45 min to review and ask questions. I just don't think there's a lot of value in running through computer based exercises together when everyone's on their own machine and trying to split attention between the main screen and their own. The reading load was significant; I think you could cut down some sections of book chapters and only assign smaller sections to read as there is a lot of review. Tests could be more challenging and involve some calculation/use of analysis tools we are exposed to in the reading and exercises. Again, overall I was very satisfied with the course and feel like I learned a lot.
- I would have preferred more structure in the lectures. I think they relied a little too much on students to have personal experience in the specific topics. I personally took the class because I had no previous coursework that covered most of the topics, and a lot of time it felt like it was being taught assuming it was review for everyone. It made me less comfortable to admit if I didn't understand something super clearly, so I spent most of my time seeking out other materials to get more information. The papers we read were often great complements to the book and the material, but so many students were quiet during discussions that they were often painful to get through. I think doing more of the labs as a class or seeing practical applications beyond one or two papers a week would help to make the class more lively. Adding slides when appropriate, or bringing in guest lectures or videos/demonstrations all would help. I did learn the material and liked the book and the information, but I think there were ways the class could have been improved.
- Overall I liked this course and felt it was the best put together graduate course I've taken at UCR. I like how the course is split into two sections- the first hour going over the book chapter and the second hour going over additional readings led by students. My only change would be during the first hour of class. We all should have read the book and be familiar with the concepts. Spending an hour covering a chapter we've already read, plus another hour discussing what are essentially case studies of those topics, is too much. I would prefer to spend less time discussing the chapter, allowing the opportunity to bring in resources we won't access on our own. For instance, a segment from a relevant ecology documentary, or to bring in landscape ecologists via Skype to chat with us, or something else. Otherwise I thought the class was good.
- Thank you!
- I enjoyed reading lots of the historical papers, but I think having two papers one historical and one more modern perspective might be beneficial to the class.
- The class was great overall, but I would have preferred more of lecture format to review concepts from the main text book rather than a discussion based format.
- I appreciated the dual lecture/student-led discussion format of this course. I feel it maximized understanding of the course material. Janet is always very clear when presenting new material, usually applying the concepts to real-world scenarios, which deepened my understanding of the topic at hand. It helps that Janet also keeps a relaxed class environment, lending to productive discussions.

## Personal Statement

Janet Franklin, Distinguished Biogeographer, Department of Botany and Plant Sciences

### I. Research

Since joining UCR as a Distinguished Professor, in July 2017, I have demonstrated the high level of research productivity that UCR expects of me. This productivity is reflected in a very strong publication record, as well as new projects (3 new grants). I have both maintained and enhanced my global network of collaborators, and also developed new collaborations at UCR.

I use geospatial data and spatial analysis to study the past, present and future distributions of plant diversity and terrestrial ecosystems in relation to the physical environment, ecological processes and human impacts. My work has focused on the impacts of human-caused landscape change on terrestrial plant communities. Land use change is the most important global change driver of the last 10,000 years, while the ecological effects of anthropogenic climate change have begun to predominate in recent decades. Global change drivers do not act in isolation, and the introduction of exotic species, as well as altered natural disturbance regimes such as fire and hurricanes, also shape ecological community dynamics at the landscape scale. Knowing where on the landscape threats occur in relation to biodiversity and in relation to other threats is prerequisite to monitoring impacts. Forecasting where threats might occur in the future allows prediction of future impacts, and opportunities for mitigation and adaptation.

I have published 26 peer reviewed journal articles (and a 27<sup>th</sup> was just accepted) in my three years at UCR. I was the senior author, corresponding author, and/or first author on many of these, but also contributed to many other publications as part of large, distributed, collaborative teams. I am a very active research mentor. Twelve of these papers has post-docs or graduate students as first authors (Muscarella, Huang, Rowan, Oswald, Fricker, Andrade, Inman, Norberg, Synes). Another two were led by junior colleagues (assistant professors: Kraaij, Wren).

Since July 2017 my colleagues and I have published 5 papers representing the culmination of ten years of research on an integrated paleoscape model for the early Middle and Late Pleistocene of the South Coast of South Africa (Marean et al. 2020; Cowling et al. 2020; Wren et al. 2020; Kraaij et al. 2020; Engelbrecht et al. 2020). These studies revealed that shifts in the seasonal rainfall regime as well as a dramatically enlarged coastal plain during the glacial periods that dominate the last 2M years provided a rich resourcescape for the early modern humans subsisting there. We also published 6 papers (plus one accepted) resulting from our 13-year effort to understand island biogeography across ecologically deep time in the West Indies (Steadman and Franklin, in press; Franklin et al. 2019; Oswald et al. 2019; Steadman et al. 2018; Franklin et al. 2018; Steadman et al. 2017; Steadman and Franklin 2017). These studies revealed that the plant and animal communities of the island Caribbean shifted with the climate transition from the last ice age to the current (Holocene) period and many grassland/open habitat species were extirpated, but that a wide range of vertebrates were lost (extinct or extirpated) when people arrived (1000 yrs ago) without any major change in climate.

I have contributed to (or led) four major collaborative papers in high-profile journals on global patterns of plant diversity (Muscarella et al. 2020 *Global Ecol Biogeogr*; Ibanez et al. 2018 *Global Ecol Biogeogr*; Slik et al. 2018 *PNAS*; Franklin et al. 2018 *J. Biogeogr.*), as well as mammal diversity (Rowan et al. 2020 *PNAS*), in the megadiverse tropics. I also contributed to two major collaborative paper on methodology that are likely to be highly cited (Zurell et al. 2020; Norberg et al. 2019). I was/am an invited participant in two interdisciplinary research

working groups. I received the Parsons award for lifetime achievement in biogeography from the AAG (2020).

## II. Teaching and Mentoring

Graduate student teaching and mentoring are highly valued at UCR and to date the classroom teaching assigned to me has consisted of graduate coursework, seminars and independent study supervision. I currently support two Ph.D. students in my lab and furthermore have served on committees for 17 other graduate students (including 4 guidance committees, 12 qualifying exam committees – 2 as Chair -- and 8 dissertation committees). I have supervised individual study and directed research every quarter. I have already agreed to serve on guidance committees for two incoming students Fall 2020. I have taught a graduate course in landscape ecology, developed a graduate course in species distribution modeling (new for UCR, taught twice), offered a graduate seminar in fire ecology, and supervised the PBSC seminar one quarter. My teaching evaluations are strong.

I am teaching NASC093 'freshman seminar' in Fall 2020, and I am currently developing a course proposal for a new undergraduate course in landscape ecology to support the Spatial Analysis Minor proposed by the Center for Geospatial Sciences. If approved, it will be taught Spring 2021 and offer a unique resource within the College.

## III. Service

Since coming to UCR my professional service responsibilities to the university and especially to the STEM profession have been extensive, but appropriate to my rank and I am happy to serve in leadership roles. I have served on department, college, campus, and systemwide committees at UCR.

For more than a year I co-chaired a forum on climate change and ecosystems sponsored jointly by the National Academy of Sciences, Engineering and Medicine, USA (NASEM) and the Royal Society (UK). I co-edited a special issue of *Phil. Trans. Royal Soc.* resulting from that forum. Nationally, I was appointed to the Geographical Sciences Committee, a standing committee of the NASEM, in 2019. I served as Chair of the AAAS Section for Geology and Geography. Internationally, I am in the GEO BON Working Group, and I serve on an IUCN scientific advisory committee.

My services in an editorial role are notable. I completed a three-year term as Chief Editor of *Diversity & Distributions*, a Wiley journal, with sole responsibility for making editorial decisions for over 1000 manuscripts. I accepted an appointment as Deputy Chief Editor of *Frontiers of Biogeography*, an open-access, society-run journal of the International Biogeographical Society published using the UC eScholarship platform. We provide a high-quality, low-cost open access journal for peer-reviewed biogeographical research. I also serve on editorial boards for *Geographical Analysis* and for a Cambridge book series. Furthermore, as a NAS member, I serve as subject matter editor for PNAS manuscripts, handling 18 manuscripts since my UCR appointment.

I have reviewed two dozen article manuscripts for diverse journals, and one book manuscript, in addition to my extensive editorial responsibilities, and have reviewed grant proposals as well as performing a multi-day departmental review at UCLA. I have written more than a dozen recommendation letters for advancement, and three dozen appointment letters primarily for four mentees.



Janet Franklin <janet.franklin1@gmail.com>

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## Invite to be a keynote at GeoComputation 2019,

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David O'Sullivan <david.osullivan@vuw.ac.nz>  
To: Janet Franklin <janet.franklin@ucr.edu>

Thu, Apr 4, 2019 at 3:23 PM

Dear Janet,

I hope you are well! Getting on for a year since we chatted at the Waldo Tobler memorial event. A wintry day here in Wellington, which is making me think back fondly to this time of year in California, before the long hot summer sets in and makes everyone nervous.

Anyway, I've been delegated by the GeoComputation conference organising committee to approach you with this invitation, as I think Tony Moore the conference chair is wondering if his faceless conference email address was maybe causing you to filter out the invitation! We have some ideas for alternates, but wanted to make sure you were definitely a 'no' before going to those.

So here, again is the previous boilerplate...

As you may know, the 15th International Conference on GeoComputation, GeoComputation 2019, is in Queenstown, New Zealand, from 18th to 21st September 2019.

<https://www.otago.ac.nz/surveying/news/seminars/GeoComputation%202019.html>

Your name came up as an excellent potential keynote speaker. We would therefore like to invite you in this capacity, to deliver a presentation on a geocomputation topic of your choice.

If you are interested and available to take up this opportunity, we will follow up with getting some information from you for the website in the shorter term, such as title of talk, a short bio and a picture. In the longer term, we would want at least an abstract on your talk, to go in the proceedings (abstracts are due end of May, or a short paper is also very welcome - due end of April).

We would pay for all flights, accommodation and registration to get you to Queenstown to deliver your keynote and participate in the conference.

If you have any questions, just ask. We hope you are able to accept our offer.

Thanks for your consideration,

Kind regards,

David

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David O'Sullivan  
Professor of Geography and Geospatial Science  
Victoria University of Wellington  
Aotearoa New Zealand



Janet Franklin &lt;janet.franklin1@gmail.com&gt;

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**Plenary invitation IAVS 2018**

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**Minchin, Peter** <pminchi@siue.edu>

Tue, Jan 9, 2018 at 11:00 AM

To: "Janet.Franklin@asu.edu" &lt;Janet.Franklin@asu.edu&gt;

Dear Janet,

The Scientific Committee for the IAVS 2018 Symposium in Bozeman would like to invite you to present the a plenary talk at the symposium. The main theme of the symposium is "Natural Ecosystems as Benchmarks for Vegetation Science". We would welcome a plenary on any of your research interests (e.g., landscape scale community dynamics, interactions between disturbance regimes and invasive species, community resilience, effects of global warming at the landscape level) perhaps emphasizing the importance of relatively intact natural ecosystems as study systems in your research.

As a plenary speaker, we would cover all of your expenses in attending the symposium (e.g., airfare, accommodation, local transport, conference dinner, per diem), which takes place at Montana State University in Bozeman, MT from Sunday, July 22 to Friday, July 27, 2018. Plenary talks are 50 minutes in length, allowing 10 minutes for questions. Your talk would be scheduled 9:00-10:00 on July 24, 26 or 27.

Please let me know whether you accept the invitation – we hope that you do.

Best wishes,

Peter

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**Dr. Peter R. Minchin**

Professor

Department of Biological Sciences

Southern Illinois University Edwardsville

Campus Box 1651

Edwardsville, IL 62026, USA

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International Association for Vegetation Science, Vice President for Publications

Plant Ecology, Associate Editor

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Skype: peter.r.minchin

Web: <http://www.siue.edu/artsandsciences/biology/pminchi>

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## Franklin Publications

| Journal  | # of Publications | Impact Factor | Ranking | Discipline                    |
|--|-------------------|---------------|---------|-------------------------------|
| <b>I.A. Technical Journal Articles</b>                           |                   |               |         |                               |
| <i>Agricultural and Forest Meteorology</i>                       | 1                 | 4.651         | 3/91    | Agronomy                      |
| <i>American Journal of Botany</i>                                | 1                 | 3.038         | 48/234  | Plant Sciences                |
| <i>Annals of the American Association of Geographers</i>         | 1                 | 3.302         | 15/84   | Geography                     |
| <i>Biotropica</i>  | 1                 | 2.09          | 84/169  | Ecology                       |
| <i>Caribbean Naturalist</i>                                      | 1                 | none          |         |                               |
| <i>Diversity and Distributions</i>                               | 1                 | 3.993         | 7/58    | Biodiversity Conservation     |
| <i>Ecography</i>   | 2                 | 6.455         | 3/58    | Biodiversity Conservation     |
| <i>Ecological Monographs</i>                                     | 1                 | 7.722         | 8/169   | Ecology                       |
| <i>Ecology and Evolution</i>                                     | 1                 | 2.392         | 71/169  | Ecology                       |
| <i>Ecosphere</i>   | 1                 | 2.878         | 48/169  | Ecology                       |
| <i>Forest Ecology &amp; Management</i>                           | 1                 | 3.17          | 5/68    | Forestry                      |
| <i>Global Ecology and Biogeography</i>                           | 3                 | 6.446         | 2/50    | Physical Geography            |
| <i>Journal of Biogeography</i>                                   | 1                 | 3.723         | 35/169  | Ecology                       |
| <i>Journal of Island and Coastal Archaeology</i>                 | 1                 | none          |         |                               |
| <i>Landscape and Urban Planning</i>                              | 1                 | 5.441         | 4/50    | Physical Geography            |
| <i>PLoS One</i>  | 1                 | 2.74          | 27/71   | Multidisciplinary Sciences    |
| <i>Proceedings of the National Academy of Sciences, USA</i>      | 4                 | 9.412         | 8/71    | Multidisciplinary Sciences    |
| <i>Quaternary Science Reviews</i>                                | 6                 | 3.803         | 30/200  | Multidisciplinary Geosciences |
| <i>Remote Sensing</i>  | 1                 | 4.509         | 9/30    | Remote Sensing                |
| <i>The Holocene</i>  | 1                 | 2.353         | 27/50   | Physical Geography            |
| <b>I.H. Edited Special issue + editorial</b>                     |                   |               |         |                               |
| <i>Diversity and Distributions</i>                               | 1                 | 3.993         | 7/58    | Biodiversity Conservation     |
| <i>International Journal of Geographical Information Science</i> | 1                 | 3.733         | 11/50   | Physical Geography            |
| <i>Trans. Royal. Soc. B</i>                                      | 1                 | 5.68          | 8/93    | Biology                       |