



Employment Opportunity

Come work among the Giant Sequoias!

USGS Sequoia-Kings Canyon Field Station (SEKI) is currently searching for people interested in 2 term Biologist/post-doc positions in Forest and Fuel Ecology.

Pay: GS-11 (approx. \$64,649/year); full-time, year-round

Location: Three Rivers, California

Hiring 2 positions:

Forest Dynamics Ecologist (at least 4-year position, with possible extension)

The broad role of the Forest Dynamics Ecologist is to improve our understanding of forest dynamics with particular emphasis on climate change applications, assessing forest drought vulnerability, and assisting managers with resource issues—including the development of tools to help prioritize management actions. This person will oversee the Sierra Nevada Forest Dynamics Plot Network (SNFDPN), a decades-long, annual resolution tree demographics dataset from plots in Sequoia National Park (SEKI NP) and Yosemite National Park. The position also involves the development of new projects, designing protocols for new research, performing advanced statistical analyses, coordinating and collaborating with multiple scientists and agencies, and writing manuscripts for publication in peer reviewed journals. The position requires regular scientific outreach, including both giving presentations and working directly with resource managers. This position includes supervision of the seasonal forest demography field crew.

Fire and Fuels Ecologist (at least 2-year position; with possible extension)

The Fire and Fuels Ecologist will be responsible for working with the Pyrengence Consortium (<https://pyrengence.org/>) to produce SEKI NP-specific maps of fuel loading and vulnerability to mass fire at a scale usable by park managers. This person will consolidate, validate, and process existing SEKI NP datasets; supervise the collection of new data where gaps exist; and work directly with Pyrengence to produce maps and vulnerability assessments for SEKI NP. This person will be expected to produce peer-reviewed publications in scientific journals, as well as perform outreach, through presentations and direct interaction with NPS managers.

Qualifications: Must be a US Citizen in order to qualify. Also must possess 3 full years of progressively higher-level graduate education or a PhD in the biological sciences, agriculture, natural resources, chemistry, or related disciplines; **OR** possess 1 year of experience at or equal to the GS-9 grade level; **OR** possess a combination of education and experience. Want people with significant experience and demonstrated interest in field research in forest and/or fire ecology.

If interested in applying or for more information, please contact Dr. Adrian Das (adas@usgs.gov) or Anne Pfaff (ahpfaff@usgs.gov). We will notify interested people when the job announcement opens on USAjobs within the next month.