

Designed to foster interest and new research collaborations in climate science, this workshop addresses key challenges in quantifying  $\text{CH}_4$  and  $\text{CO}_2$  emissions across natural and anthropogenic ecosystems. Participants will examine aquatic bodies, mangroves, landfills, and wastewater facilities through global case studies spanning from the Arctic to Antarctica. Finally, the session provides practical methodologies to overcome field measurement hurdles and improve greenhouse gas monitoring.

**NOV.03.2026**

8:30 A.M. - 5 P.M. | UCR BOTANIC GARDENS

**Keynote speaker**



**Prof. Frédéric Thalasso**

Center For Research and Advanced Studies of  
the National Polytechnic Institute (Mexico)

Senior Researcher at Cinvestav with over 30 years of expertise in greenhouse gas monitoring. Internationally recognized for leading scientific campaigns across extreme polar environments, he has authored ~120 peer-reviewed publications and mentored over 40 graduate students.

