



QUALITATIVE & SYSTEMS BIOLOGY COLLOQUIUM: Charting the Spatiotemporal Landscape of Species' Responses to Climate Change

Morgan Tingley

Associate Professor, Ecology, and Evolutionary Biology
UCLA

Date:

11/18/2022

Time:

2:30 PM - 3:45 PM

Location:

COB2 140

About The Speaker:

Morgan Tingley joined the faculty at the University of California, Los Angeles as an Associate Professor in 2020, after previously serving as an Assistant Professor at the University of Connecticut. He holds a Ph.D. in Environmental Science, Policy, and Management from the University of California, Berkeley, an M.Sc. from Oxford University, and a B.A. from Harvard University. His research combines original field data with biodiversity informatics and Bayesian modeling to understand how large-scale anthropogenic drivers of change affect geographic distributions and community interactions over short to long timespans.



Abstract:

When we contemplate how biodiversity is changing, we often focus on the species we have lost entirely in recent decades. But while we have yet to lose only a handful of species to our rapidly changing global climate, animals are currently adapting and responding in myriad ways. Across the world, species are shifting their geographic distributions, shifting their phenologies, and even shifting their morphology. Integrating field research and citizen science over decades to centuries, the research presented in this talk demonstrates the complex ways that species, focusing on birds, are responding to a changing climate.

For more information, contact : Jessica Blois
jblois@ucmerced.edu