



R2R-CAL: A quantitative and cross-disciplinary approach to learning about climate and biodiversity

UCI announces a 10-day Summer Institute for graduate students, **R2R-CAL: Ridge to Reef - Climate and Life**, that tackles climate-human-ecosystem interactions to impact management and decision making from local to global scales. **R2R-CAL** engages participants with interdisciplinary training to build deep understanding and effective modeling of coupled human-natural systems. Emphasis is placed on integrating theory, analysis of large data sets, and modeling across space and time scales, as well as translational research and co-generation of knowledge with stakeholders who critically need information to manage and preserve the environment.

Program Details

Who: Open to all post-docs and graduate students

Costs: Enrollment, accommodation, and meals are covered by R2R-CAL. Participants cover travel expenses. A limited number of travel grants are available.



Application Process

Requirements:

- Application: r2r.bio.uci.edu/r2r-cal-2018
- Statement of Interest
- CV
- Letter of recommendation

Deadline: May 31, 2018



Curriculum Highlights

- Lecture, workshop, and field components
- Analysis of coupled systems including:
 - Regional climate model projections
 - Data mining and detection of trends
 - Analysis of extreme events
 - Remote sensing
- Professional development skills improved through:
 - Science communication
 - Policy and management
- Social activities that will enhance networking skills and foster professional relationships