
Professor Mark Lubell
ECL 298, CRN 60409.
Winter 2014
Tuesdays 10am-1pm.
2124 Wickson

The concept of social-ecological systems is becoming a central topic of interdisciplinary study for linking environmental policy and decision-making to ecological processes. This course provides an overview of the concept and delves deeper into a number of different social science topics related to the broader idea. The course serves the purpose of the Environmental Policy/Human Ecology core course, the social science course for the conservation management program, and the social science course for the Climate Change, Water, and Society IGERT.

Course Requirements:

Show up, read, discuss.

Make required presentations applying weekly materials to course topics.

Final paper relating course topics to your dissertation. Literature review, grant application/dissertation proposal, or paper draft.
Week 1 (Jan 7): SES Frameworks


Week 2 (Jan 14): Case Study Overviews: Student Groups

Student teams select SES case study and present basic ideas and research questions in relation to the SES frameworks.

Week 3 (Jan 21): Resilience, Vulnerability, and Adaptive Capacity


**Week 4 (Jan 28): Institutions and Collective Action**


**Week 5 (Feb 4): Human Decision-making and Environment**


**Week 6 (Feb 11): Cultural Evolution (Pete Richerson guest lecture)**


**Week 7 (Feb 18—Lubell out of town): Networks in SES Systems**


**Week 8 (Feb 25): Linking Science to Policy**


**Week 9 (March 4): Ecosystem Management**


**Week 10 (March 11): Conservation and Development**


Smith, R. J., R. D. J. Muri, M. J. Walpole, A. Balmford, and N. Leader-Williams. (2003). “Governance and the loss of biodiversity.” *Nature* 426:67-70. (This on corruption was trashed by Barrett et al, but is controversial reading!)

There's now a growing lit on how to make cons-dev projects 'work'.


