

Posters

Mara Evans (Ecology)

*Invasive New Zealand mudsnails (*Potamopyrgus antipodarum*) accelerate decomposition of riparian leaf litter*

Patrick Kilduff (Ecology)

*A conundrum in fisheries management: what's the status of the western stock of Atlantic bluefin tuna (*Thunnus thynnus*)?*

Meredith Niles (Ecology)

Climate Change Policy Impacts on Agriculture: A time series quasi-experiment to assess behavior change with the New Zealand emissions trading scheme

Lauren Porensky (Ecology)

Spatial priority effects facilitate coexistence in California prairie restoration

Elizabeth Verhoeven (Soils and Biogeochemistry)

Effect of biochar amendments on soil physical properties and nitrous oxide emissions in a commercial vineyard setting

Caitlin Wells (Ecology)

Why wait? Correlates of early reproduction in the golden-mantled ground squirrel

Eric Winford (Geography)

Life-cycle analysis of forest management for multiple benefits at Independence Lake

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4th Annual Graduate Student Symposium in Ecology

Saturday
February 19, 2011
Giedt Hall
University of California, Davis



Schedule

- 8:30 Sign in, poster set up and breakfast
9:00 Keynote address: Dr. Harold Mooney, Stanford University
Biodiversity research and conservation – turning the ship around
10:00 Coffee break

Session I: Coastal Ecology & Biogeochemistry

- 10:15 Michele Tobias (Geography)
Beach Biogeomorphology
10:30 Raymond Crafton (Ecology)
Predicting invasion potential for six marine and estuarine crab species
10:45 Taryn Kennedy (Soils and Biogeochemistry)
The Effect of Improved Agricultural Techniques on Nitrous Oxide Emissions in California Tomato Cropping Systems
11:00 Jennifer Denbow (Soils and Biogeochemistry)
The Effect of Litter Quality and Mineral Nitrogen on Microbial Functioning, Residue Decomposition and Soil Organic Matter Accumulation
11:15 Break

Session II: Conservation & Management

- 11:30 Meredith Niles (Ecology)
Using Social Network Analysis for Monitoring and Evaluation in Natural Resource Management
11:45 Kelly Garbach (Ecology)
Evaluating synergies and tradeoffs between conservation and production goals in an agricultural ecosystem
12:00 Matt Hamilton (International Ag. and Development)
Applications of participatory GIS for improved planning and evaluation of natural resource management
12:15 Veronica Pardo (Community Development)
Reaching Zero Waste by 2020

12:30 Lunch and Poster Session

Session III: Spatial Dynamics & Forecasting

- 1:30 Ian Pearse (Entomology)
Retention of oak gall communities on urban trees
1:45 Libby Porzig (Ecology)
A time series meets a habitat model: using a long-term perspective to understand species-environment relationships
2:00 Heather Mehl (Plant Pathology)
Spatial and temporal patterns of pest and pathogen-caused forest canopy gaps in Yosemite Valley, California
2:15 Katharina Ullmann (Entomology)
Population persistence in dynamic landscapes: the role of spatiotemporal connectivity
2:30 David Harris (Population Biology)
Extending species distribution modeling techniques: payoffs across ecological disciplines
2:45 Break

Session IV: Behavioral & Animal Ecology

- 3:00 Kristen Dybala (Ecology)
Effects of weather on survival in Song Sparrows
3:15 Stacie Hooper (Ecology and Evolution)
*Exploring a bioacoustic tool for mammals: extracting multiple information types from the alarm calls of two ground squirrel species, the Belding's ground squirrel (*Spermophilus beldingi*) and the golden-mantled ground squirrel (*Spermophilus lateralis*)*
3:30 Kate Ingram (Ecology)
Pallid Bat foraging behavior: Boys and girls don't mix
3:45 Matthew Zimmerman (Ecology)
Why Humans Fight Like Ants (but not like chimpanzees)

Closing