

ESA2019

LOUISVILLE

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MONDAY, AUGUST 12, 2019

02:50 PM - 03:10 PM

5 The size of freshwater ponds predicts avian community structure: Implications for a changing Arctic

Didem Ikis, Department of Biological Sciences, Towson University, Towson, MD, Tomás A. Carlo, Biology, The Pennsylvania State University, University Park, PA and Eric Post, Department of Wildlife, Fish and Conservation Biology, University of California Davis, Davis, CA

📍 Kentucky International Convention Center - M112

TUESDAY, AUGUST 13, 2019

10:30 AM - 10:50 AM

8 Functional diversity is a passenger but not driver of drought-related plant diversity losses in annual grasslands

Jesse E. D. Miller, Biology, Stanford University, Stanford, CA, Daijiang Li, Wildlife Ecology and Conservation, University of Florida, Marina LaForgia, Ecology, UC Davis, Davis, CA and Susan P. Harrison, Environmental Science and Policy, University of California, Davis, Davis, CA

📍 Kentucky International Convention Center - M111

05:30 PM - 08:30 PM

UC Davis Mixer 📍 Gordon Biersch Brewery - Gordon Biersch Brewery

THURSDAY, AUGUST 15, 2019

01:30 PM - 02:00 PM

1 Urban hydrology influences riparian vegetation and soils in a precipitation-limited city: Expanding the theory of urban riparian hydrologic drought

Joanna P. Solins, Department of Plant Sciences, University of California, Davis and Mary L. Cadenasso, Department of Plant Sciences, University of California, Davis, Davis, CA

📍 Kentucky International Convention Center - Ballroom E

01:50 PM - 02:10 PM

2 Semi-natural landscape cover and crop characteristics mediate pest reduction by birds in an intensive agricultural region

Sacha K. Heath, *Living Earth Collaborative, Washington University, St. Louis, MO; Ecology, University of California, Davis, Davis, CA* and **Rachael F. Long**, *Agriculture and Natural Resources, University of California Cooperative Extension, Woodland, CA*

📍 Kentucky International Convention Center - M105/106

02:50 PM - 03:10 PM

5 The services and disservices of birds in California Central Coast strawberries

Karina Garcia¹, **David Gonthier**², **Daniel S. Karp**³, **Elissa M. Olimpi**⁴, **Amber R. Sciligo**⁵, **Adrian Lu**⁶ and **Claire Kremen**⁶, (1)*Entomology, University of Kentucky*, (2)*University of California-Berkeley*, (3)*Wildlife, Fish, and Conservation Biology, University of California Davis, Davis, CA*, (4)*Environmental Studies, University of California, Santa Cruz, Santa Cruz, CA*, (5)*The Organic Center, Washington, DC*, (6)*Environmental Science, Policy and Management, U.C. Berkeley, Berkeley, CA*

📍 Kentucky International Convention Center - M105/106

03:40 PM - 04:00 PM

7 The cascading effect of temporal variability in risk

Jason S. Sadowski, *Department of Environmental Science and Policy, University of California, Davis, Davis, CA* and **Edwin Grosholz**, *Environmental Science and Policy, University of California, Davis, Davis, CA*

📍 Kentucky International Convention Center - L006

04:20 PM - 04:40 PM

9 Beyond counts and averages: Relating geodiversity to dimensions of biodiversity

Quentin D. Read, *Department of Forestry, Michigan State University, East Lansing, MI*, **Phoebe Zarnetske**, *Forestry; EEBB, Michigan State University, East Lansing, MI*, **Sydne Record**, *Biology, Bryn Mawr College, Bryn Mawr, PA*, **Kyla M. Dahlin**, *Geography, Environment, & Spatial Sciences, Michigan State University, East Lansing, MI*, **Andrew O. Finley**, *Forestry, Michigan State University, East Lansing, MI*, **John M Grady**, *Forestry, Michigan State University, MI*, **Martina L. Hobi**, *Swiss Federal Institute for Forest, Snow, and Landscape Research, Birmensdorf, Switzerland*, **Sparkle Malone**, *Biological Sciences, Florida International University, Miami, FL*, **Jennifer K. Costanza**, *Department of Forestry and Environmental Resources, North Carolina State University, Research Triangle Park, NC*, **Adam M. Wilson**, *Department of Geography, University at Buffalo, Buffalo, NY*, **Andrew M. Latimer**, *Plant Sciences, University of California Davis, Davis, CA*, **Keith Gaddis**, *Earth Science Division, NASA, Washington, DC*, **Stephanie Pau**, *Department of Geography, Florida State University, Tallahassee, FL* and **Scott Ollinger**, *Earth Systems Research Center, University of New Hampshire, Durham, NH*

📍 Kentucky International Convention Center - M109/110

04:30 PM - 06:30 PM

132 Temporal priority and patch structure influence native suppression of invasive grasses regardless of precipitation

Sarah A Gaffney¹, **Valerie T. Eviner**¹ and **Carolyn M. Malmstrom**², (1)*Plant Sciences, University of California Davis, Davis, CA*, (2)*Plant Biology, Michigan State University, East Lansing, MI*

📍 Kentucky International Convention Center - Exhibit Hall

FRIDAY, AUGUST 16, 2019

08:20 AM - 08:40 AM

2 Grazer behavior can regulate larger-scale patterns of community states

Vadim A. Karatayev¹, Marissa L. Baskett¹, David J. Kushner², Nicholas T. Shears³, Jennifer E. Caselle⁴ and Carl Boettiger⁵, (1)Environmental Science and Policy, University of California, Davis, Davis, CA, (2)Channel Islands National Park, National Park Service, Ventura, CA, (3)Leigh Marine Lab, University of Auckland, Leigh, New Zealand, (4)Marine Science Institute, University of California, Santa Barbara, Santa Barbara, CA, (5)Environmental Science, Policy and Management, U.C. Berkeley, Berkeley, CA

📍 Kentucky International Convention Center - M109/110

08:30 AM - 10:30 AM

147 Vertebrate control from raptors motivates farmers to install nest boxes, but is secondary poisoning a concern?

Sara M. Kross^{1,2}, Elizabeth H. T. Hiroyasu³, Roger Baldwin², Breanna Martinico⁴, Ryan Bourbour⁴, Emily Phillips⁴ and Joshua M. Hull⁵, (1)Ecology, Evolution & Environmental Biology, Columbia University, New York, NY, (2)Wildlife, Fish & Conservation Biology, University of California, Davis, Davis, CA, (3)Bren School of Environmental Science & Management, University of California Santa Barbara, Santa Barbara, CA, (4)Department of Animal Science, University of California, Davis, Davis, CA, (5)Department of Animal Science, University of California, Davis, CA

📍 Kentucky International Convention Center - Exhibit Hall

10:10 AM - 10:30 AM

7 Legacy impacts of extreme, multi-year drought on tidal salt marsh plant invasion

Rachel D. Wigginton¹, Megan A. Kelso² and Edwin D. Grosholz¹, (1)Department of Environmental Science and Policy, University of California, Davis, CA, (2)The Nature Conservancy

📍 Kentucky International Convention Center - L016