



2017 ANNUAL STATE CONFERENCE

FRIDAY, APRIL 7, 2017 * EMBASSY SUITES HOTEL * OKLAHOMA CITY, OK

AGENDA

7:30 A.M. Registration & Continental Breakfast

OPENING SESSION (Ballroom C/D)

8:20 A.M. Welcoming Remarks

Ray Huhnke, Project Director & PI, Oklahoma NSF EPSCoR

OBSERVING SOCIAL SYSTEMS IN A CHANGING CLIMATE (Ballroom C/D)

Session Chair: Hank Jenkins-Smith, Professor, National Institute for Risk and Resilience, OU

8:30 A.M. America's Two Climate Changes

Dan M. Kahan, Professor of Law & Professor of Psychology, Yale Law School

9:10 A.M. Signals, Noise, and Recognition of Changing Weather Patterns in Oklahoma

Hank Jenkins-Smith, Professor, National Institute for Risk & Resilience, OU

Joe Ripberger, Deputy Director for Research, Center for Risk & Crisis Management, OU

Carol Silva, Director, Center for Risk & Crisis Management, OU

OBSERVING ECOLOGICAL SYSTEMS IN A CHANGING CLIMATE (Ballroom C/D)

Session Chair: Renee McPherson, Assoc. Professor, Dept. of Geography & Environmental Sustainability, OU

9:30 A.M. Is Climate Change Forcing a Reinvention of Conservation?

Stephen T. Jackson, Director, Dept. of the Interior Southwest Climate Science Center, U.S. Geological Survey; Professor, Dept. of Geosciences & Institute of the Environment, University of Arizona

10:10 A.M. Measuring and Monitoring Biodiversity in a Changing World

Ron Bonett, Asst. Professor, Dept. of Biological Science, TU

10:30 A.M. Break (15 minutes)

OBSERVING ECOLOGICAL SYSTEMS IN A CHANGING CLIMATE (Ballroom C/D)

Session Chair: Tyson Ochsner, Assoc. Professor, Dept. of Plant & Soil Sciences, OSU

10:45 A.M. From the Market to the Field: The Impact of Agricultural and Energy Linkages on Farmers' Choices

Silvia Secchi, Assoc. Professor, Dept. of Geography & Environmental Resources; Director, Environmental Resources & Policy Ph.D. Program, Southern Illinois University

11:25 A.M. Urban Forests: Interactions Between Human Decision-Making, Climate, and Landscape Function

Heather McCarthy, Asst. Professor, Dept. of Microbiology & Plant Biology, OU

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SOCIO-ECOLOGICAL DECISION SUPPORT IN A CHANGING CLIMATE (Ballroom C/D)

Session Chair: Tyson Ochsner, Assoc. Professor, Dept. of Plant & Soil Sciences, OSU

11:45 A.M. Measuring and Predicting Drought in Oklahoma: A Decision-Support and Educational Model

Jad Ziolkowska, Asst. Professor, Dept. of Geography & Environmental Sustainability, OU

LUNCHEON AND AFTERNOON POSTER SESSION

12:10 P.M. Luncheon (Included for all Registered Guests; Ballroom A/B)

Presentation: Update on EPSCoR Programs

Jerry Malayer, State Director, Oklahoma EPSCoR

1:20 P.M. Poster Session and Judging (Courtyard & Preconvene)

2:20 P.M. Break (10 Minutes)

HUMAN-NATURAL SYSTEMS INTEGRATIVE MODELING (Ballroom C/D)

Session Chair: Tracy Boyer, Assoc. Professor, Dept. of Agricultural Economics, OSU

2:30 P.M. Agent-Based Models of Complex Socio-Ecological Systems: Deforestation, Household Vulnerability and Road-Building the Southwest Amazon

Gregory A. Kiker, Dept. of Agricultural & Biological Engineering, University of Florida

3:10 P.M. OKC EPSCoR: Modeling the Relationship Between Climate, Domestic Water Use, and Vegetation

Jennifer Koch, Asst. Professor, Dept. of Geography & Environmental Sustainability, OU

3:30 P.M. Simulating the Impacts of Social Coordination on Groundwater Sustainability and Agricultural Resilience

Phil Alderman, Asst. Professor, Dept. of Plant & Soil Sciences, OSU

3:50 P.M. Break (15 minutes)

BROADER IMPACTS (Ballroom C/D)

Session Chair: Ray Huhnke, Project Director & PI, Oklahoma NSF EPSCoR, OSU

4:05 P.M. Oklahoma Ecological Observatory: Its Contribution to the NASA GeoCarb Mission

Xiangming Xiao, Professor, Center for Spatial Analysis, OU

4:25 P.M. OneOklahoma Cyberinfrastructure Initiative

Dana Brunson, Director, High Performance Computing Center; Asst. Vice President for Research Cyberinfrastructure, OSU

Henry Neeman, Director, Supercomputing Center for Education and Research, OU

4:45 P.M. Presentation of Poster Session Awards (Ballroom C/D)

5:00 P.M. Adjourn