

DRAFT - LAST UPDATED 4/22/13

Tuesday (Apr 23)

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| 8:00 | Opening | Robert Gillies, Andrea Bair | Welcome |
| 8:10 | Keynote | Todd Hopkins | How To Talk Climate With Resource Managers |
| 8:35 | Keynote | Jon Gottschalck | Advancing Climate Prediction at the CPC |
| 9:00 | Application of Climate Products for Extended Range Preparedness | Melissa Ou* | A New CPC 8-14 Day Probabilistic Hazards Outlook |
| 9:20 | Moderator: Jon Gottschalck | S-Y Simon Wang | A new forecast for prolonged inversion episodes out to one month |
| 9:40 | | Klaus Wolter | Climate Forecasts in Support of NIDIS |
| 10:00 | | Renee McPherson | Analysis of Teleconnections and Drought for the Arbuckle-Simpson Aquifer |
| 10:20 | Break | | |
| 10:40 | | Daniel Barandiaran | Drought characteristics in the Central Plains: putting the 2011-2012 drought in perspective |
| 11:00 | | Robert Gillies | Climate change impact in Nepal and its society |
| 11:20 | | William Paul Miller | Developing Climate-informed Ensemble Streamflow Forecasts over the Colorado River Basin |
| 11:40 | | Group Photo | |
| 12:00 | Lunch provided | | |
| 13:00 | Application of Climate Information for Long term Planning | Tim Bardsley | Assessing climate change risks to a municipal water supply: A pilot project incorporating downscaled climate projections, operational hydrologic modeling, and a systems planning model |
| 13:20 | Moderator: Holly Hartmann | Polly Hays* | Assessing the Vulnerability of Watersheds to Climate Change: Results of National Forest Watershed Vulnerability Pilot Assessments |
| 13:40 | | William Paul Miller | Generation of Operational Ensemble Streamflow Forecasts through the use of Stochastic Weather Generation over the Colorado River Basin |
| 14:00 | | Venkat Sridhar | Application of climate information for investigating the water budget and the management of the Snake River system |

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| 14:20 | | Paul Conrads* | A Decision Support System for Estimating Salinity Intrusion Effects due to Climate Change on the South Carolina and Georgia Coast |
| 14:40 | | Trisha Distler (presented by Justin Schuetz) | Predicted Seasonal Effects of Climate Change on Avian Species Richness across North America |
| 15:00 | | Justin Schuetz | Identifying Climate Refugia for North American Bird Communities |
| 15:20 | Break | | |
| 15:40 | Special Panel on Climate Information Across Time Scales | Andrea Ray | Needs for climate information across time scales for public lands and ecosystem management |
| | | Todd Hopkins | Great Basin LCC |
| | | Barry Baker | Canyonlands Research Center |
| | | Amy Daniels | U.S. Forest Service |
| 17:00 | Adjourn | | |
| 18:00 | Icebreaker & posters | | See list of posters below |

Wednesday (Apr 24)

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| 8:00 | Partnership | Caitlin Simpson & Shawn Carter* | Introduction to the special panel |
| 8:30 | | Stephen Jackson | The Southwest Climate Science Center: developing best practices at the science/management interface |
| 8:45 | | Kelly Redmond | Climate Information Access for USDI Climate Science Centers and Landscape Conservation Cooperatives |
| 9:00 | | Gregg Garfin | Confronting Uncertainty in Planning for Adaptation to a Changing Climate |
| 9:15 | | Andrea Ray | Delivering climate projections on regional scales to support adaptation planning |
| 9:30 | | Lisette Staal | Bridging science and practice to improve public utility water supply |
| 9:45 | Break | | |
| 10:15 | | Lisa Dilling | Adaptation to climate-related hazards in Colorado, Wyoming and Utah: Explaining differences in local responses |
| 10:30 | | Stephen Gray* | Strategic Climate Change Partnerships: Alaska's Climate Science Center and the Alaska Center for Climate Assessment and Policy |

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| 10:45 | Special Panel on Climate Science and Service | Caitlin Simpson, Shawn Carter* | Climate Science and Service: NOAA/RISA and DOI/CSC approaches to research and interactions with resource managers |
| 12:00 Lunch provided | | | |
| 13:00 | Partnership | David Raff* (and J. Arnold) | Perspectives from the 2013 Joint Report by the US Army Corps of Engineers, the Bureau of Reclamation, and the National Weather Service on Applications for Operational Outlooks on Hourly to Seasonal Timelines |
| 13:20 | Moderator: Caitlin Simpson | Paul Houser | The North American Water Program |
| 13:40 | | Laura Edwards | Improving communication and access to climate information for South Dakota agricultural producers |
| 14:00 | | Tamara Wall | Great Basin Climate Forum Series |
| 14:20 | | Renee McPherson | Partnering with American Indian Tribes in the South-Central U.S. on Climate Science and Services |
| 14:40 | | Crystal Raymond | The North Cascadia Adaptation Partnership: A Science-Management Collaboration for Responding to Climate Change |
| 15:00 | | David Yates | Evaluating the Economic Performance of a Municipal Drought Plan |
| 15:20 Break | | | |
| 15:40 | Data Stewardship | Levi Brekke* | New CMIP5 Downscaled Climate and Hydrology Projections |
| 16:00 | Moderator: Simon Wang | Adrienne Wootten | The Synthesis of Climate Model Downscaling Products with emphasis on Ecological Processes in the Southeast U.S. |
| 16:20 | | Lydia Stefanova | Projected changes in surface air temperatures, precipitation, and derived parameters over the Southeast United States: comparison of three regionally downscaled Global Climate Models |
| 16:40 | | Courtenay Strong | High-resolution climate projections for the Great Basin made accessible to diverse stakeholders and research communities |
| 17:00 | | Justin DeRose | A new tree-ring-based gridded climate data set for analysis and reconstruction |
| 17:20 Adjourn | | | |
| 15:40 | Optional Tour | Campbell Scientific | Tour factory production of weather instrumentation (http://www.campbellsci.com/) |
| 19:00 | Dinner Banquet | Judy Fahys (Salt Lake Tribune) | The news is changing: Here's what you need to know. |

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| Thursday (Apr 25) | | | |
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| 8:00 | Decision Support Tools | Patrick Cherneski* | The National Agro-Climate Information Service (NAIS) Progress and Highlights |
| 8:20 | Moderator: Kelly Redmond | Frank Voss* | Web-Based Tool for User-Friendly Access to Hydrologic Variables under Future Climate Conditions |
| 8:40 | | Sarah Whateley | Web-based Climate Change Risk Assessment Tool for Water Utilities |
| 9:00 | | Sanjoy Bandyopadhyay | Knowledge based extension application using mobile technology for climate change adaptation among small-holder farmers in India |
| 9:20 | | Michael Timlin | Decision Support Tools for Frost and Freeze Products Issued by the NWS in the Central US |
| 9:40 | | John Bratton* (presented by Jia Wang) | Tools for prediction and management of climate change impacts on natural resources in the Great Lakes and the Arctic |
| 10:00 | Break | | |
| 10:20 | | Marina Timofeyeva* | Enhancement of Local Climate Analysis Tool |
| 10:40 | | Emrys Treasure* | Harnessing the power of the Climate Wizard: applications for natural resource planning |
| 11:00 | | Sandra Brasfield | Climate Change-Induced Biome Shifts and Contaminant Management for DoD Lands |
| 11:20 | Building Capacity for Climate Information Applications | David Herring (presented by Viviane Silva) | Climate.gov |
| 11:40 | Moderator: Andrea Bair | Zhao Ma | Linkages between climate change perception, information, and adaptation: A case study of smallholder farmers in northwest China |
| 12:00 Lunch provided | | | |
| 13:00 | Building Capacity for Climate Information Applications | John D. Wiener (presented by Keith Ingram) | Seeking Scenarios for Climate Resilience for Agriculture-related Resources |
| 13:20 | | Joanna Endter-Wada | Global Climate Change as Environmental Mega-Crisis |

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| 13:40 | | Marina Timofeyeva* , Mary Sue Brancato* | Building the Capacity for Understanding, Assessing and Adapting to Climate Change |
| 14:00 | Break | | |
| 14:20 | Emerging Opportunities | Michael LuValle | PC based interseasonal to interannual prediction of regional climate fluctuation, an example and questions |
| 14:50 | Moderator: Robert Gillies | Martin Schroeder | Trend and Variability of Pineapple Express Events: Impacts on Northern California |
| 15:10 | | Md Rashed Chowdhury | The Role of the Pacific ENSO Applications Climate Center in Reducing Vulnerability to Climate Hazards: Experience from the U.S-Affiliated Pacific Islands |
| 15:30 | | Workshop Summary | Robert Gilles, Andrea Bair |
| 16:00 | Adjourn | | |