



Florida Water and Climate Alliance (FloridaWCA) seeks to increase the relevance of climate science data and tools for water resource management, planning and supply operations in Florida.

FloridaWCA Workshop Agenda

Thursday, December 20, 2018

Hosted by: Orlando Regional Utilities (OUC),
Location: OUC, Safety & Training Conference Room,
Gardenia Avenue office, 3800 Gardenia Avenue, Orlando

Overall Workshop Goal: Provide an environment for stakeholder-scientist exchange of current research and tools to address climate variability and change issues with a focus on increasing local relevancy to utilities and water resource managers. Explore topics that may help inform scientists' research that would result in an actionable science of use to practitioners.

Specific Workshop Objectives:

1. Research and Planning – Share information on the state of climate science and action useful to local water supply and resource planning and operations.
2. Community – Share current activities and explore interests based on shared strengths and resources of the represented institutions
3. Collaboration – Explore opportunities to partner on activities of interest to the Participants

Workshop Agenda:

9:45–10:00 Check-in, Networking

10:00–10:30 **Session 1:** Welcome, FloridaWCA and Participant Introductions

10:30–12:15 **Session 2: State of Climate in Florida:** Status of science, research and tools useful to local water supply and resource planning (*moderator: Tirusew Asefa, Tampa Bay Water*)

- “Perspectives on working with the National Climate Assessment,” (Esther Mullens, Ph.D., Assistant Professor, Department of Geography, CLAS, UF)
- Framing the Future: Climate Change Impacts and Resilience,” (Tracy Irani, Ph.D., Professor and Department Chair, Family Youth and Community Science, University of Florida/IFAS)
- “National and State-wide Update on Sea Level Rise and Climate Change,” (Jayantha Obeysekera, Ph.D., P.E., Director, Sea Level Solutions Center, Florida International University)
- “Collaborating on Regional Resiliency in Tampa Bay,” (Heather Young, Senior Environmental Planner, Tampa Bay Regional Planning Council.

- “Resiliency, Adaptation and Sustainability in the City of St. Augustine,” (Michael Cullum, P.E., Public Works Director, City of St. Augustine.)
- “Climate Science Informing Social Impacts,” (Vasu Misra, Ph.D. Associate Professor of Meteorology, Center for Ocean-Atmospheric Prediction Studies(COAPS), Florida State University)

Discussion

12:15–1:00 Lunch

1:00 – 2:15 **Session 3: Climate and Ecology:** Status of science, research and tools useful to local water supply and resource planning (*Moderator: Kevin Morris, Peace River Manasota Regional Water Supply Authority*)

- “Watershed Sustainability in a Changing World: Case studies from around the world and prospects for Florida,” (Maurico Arias, Ph.D., Assistant Professor, Department of civil & Environmental Engineering, University of South Florida)
- “Florida Red Tide: a disturbance of unknown duration,” (Kristy Lewis, Ph.D., Assistant Professor, Department of Biology, University of Central Florida)
- “Alternate Methodologies for Computing Evapotranspiration at a 2-kilometer resolution for Florida,” (John Stamm, Ph.D., P.G., U.S. Geological Survey, Caribbean-Florida Water Science Center)
- “Florida’s Bio-economy: Potential of recycling nutrients and carbon to monetize your community’s sustainability goals,” (Rob Teegarden P.E., Water Policy & Research Officer, Orlando Utilities Commission)

Discussion

2:15 – 2:30 BREAK

2:30– 3:45 **Session 4: FloridaWCA Network and Sustainability**

- Updates - Proposals, publications, new ideas, opportunities
- ONE Water
- Water Utilities Climate Alliance ([WUCA](#))
- Southeast Climate Adaptation Science Centers [SE CASC](#)

3:45 – 4:00 – FloridaWCA Next Steps

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