

## **FloridaWCA Workshop Agenda**

**Friday, February 7, 2020**

Hosted by: Orlando Utilities Commission (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 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:**

**9:30-10:00** Check-in, Networking

**10:00-10:30** [Session 1: Welcome and introductions](#) (*Karen Schlatter, UF Water Institute*)  
The FloridaWCA stakeholder-scientist network (*Kevin Morris, Peace River Manasota Regional Water Supply Authority*)

**10:30-11:15** **Session 2: Innovative Research and Collaboration Efforts in Florida** (*Karen Schlatter*)

- [Central Florida Water Initiative Update](#): Craig Varn, J.D., Partner, Manson Bolves Donaldson Varn
- [Technical Review of Lake Okeechobee Regulation Schedule and Bluegreen Algae Taskforce Updates](#): Wendy Graham, Ph.D., Carl S. Swisher Eminent Scholar in Water Resources, Director of the University of Florida Water Institute

**11:15-12:15** **Session 3: Integrating NASA Earth Systems Data into Decision-Making Tools of Member Utilities of the FloridaWCA** (*Chris Martinez, University of Florida*)

- [Project Overview](#): Chris Martinez, Ph.D., Associate Professor of Urban Water Resources, Center for Landscape Conservation and Ecology, University of Florida
- [High Resolution Seasonal Dynamical Forecasts](#): Vasu Misra, Ph.D., Professor of Meteorology, Center for Ocean-Atmospheric Prediction Studies, Florida State University
- [Peace River Manasota Water Authority ASR Index](#): Kevin Morris, P.E., Manager of Engineering and Projects, Peace River Manasota Regional Water Supply Authority

- [Tampa Bay Water’s Seasonal Resource Allocation Models](#): Tirusew Asefa, Ph.D., Manager, Planning & System Decision Support, Tampa Bay Water
  - [Contextual Model of Decision-Making](#): Tracy Irani, Ph.D., Professor and Department Chair, Family Youth and Community Science, University of Florida/IFAS
- Discussion

**12:15-1:15      Lunch**

**1:15-2:15      Session 4: Water Supply Planning in the Context of Extreme Events (*Carolina Maran, South Florida Water Management District*)**

- [Sea Level Rise, Coastal Impacts, and Adaptation](#): Thomas Wahl, Ph.D., Assistant Professor of Coastal Risks and Engineering, University of Central Florida
  - [Broward County Surface Water Model, Rainfall Projections, and Flood Map](#): John Loper, P.E., Associate Vice President, Taylor Engineering
- Discussion

**2:15-2:30      Break**

**2:30-3:45      Session 5: FloridaWCA Moving Forward – Linkages and Synergies**

- Applications of NASA project results
- Research and/or application needs around extreme events
- 2020 Workshop themes
- Updates: proposals, publications, new ideas

**3:45-4:00      Close and Next Steps**