



Florida Water & Climate Alliance and Florida Flood Hub Workshop

February 26, 2025
St. Petersburg, FL

In-Person Workshop
9:00am - 4:00pm

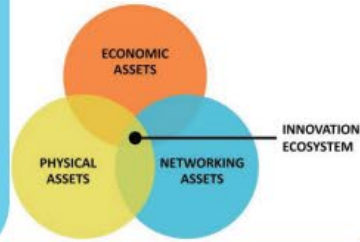
Virtual Presentations
10:00am - 12:00pm



Explore the Innovation District

St. Pete Innovation District fosters a robust innovation ecosystem by:

- Attracting and supporting innovation driver organizations, innovation cultivators, and neighborhood-building amenities (economic assets).
- Facilitating formal and informal relationships that have the potential to generate, sharpen and accelerate the advancement of ideas (networking assets).
- Creating public and privately owned spaces designed to stimulate connectivity and collaboration (physical assets).



Connect with The District:
abarlow@stpeteinnovationdistrict.com

Discover The Hub

Located in the heart of the St. Petersburg Innovation District, the Maritime and Defense Technology Hub brings together the triple helix of innovation: industry, government and academia under one roof.



- Unique attributes**
- Port access
 - Directly across Tampa Bay from MacDill Air Force Base
 - Multiple SCIFs
 - Wet and chemical laboratories
 - Conference rooms



Connect with The Hub:
hub@stpeteinnovationdistrict.com

The Hub is managed by the St. Petersburg Innovation District



The St. Pete Innovation District is a public-private partnership spanning almost 640 acres south of downtown St. Petersburg, Florida. The District is professional home to thousands of scientists, doctors, technologists, educators and entrepreneurs working together to solve critical challenges that have local, national and international impact. Members of the Hub, along with experts from two hospitals, a university, a world-renowned media school, an innovative museum, a technology business incubator and several public and private research organizations collaborate to foster job growth, economic development, and learning and inspiration.

stpeteinnovationdistrict.com

In-Person Workshop Agenda

Morning

- 9:00 am Check-in and Networking
- 9:30 am Welcome
- 10:00 am Hybrid Presentations
- 12:00 pm Lunch



Afternoon

- 1:00 pm Workshop
 - Presenter Q&A Panel
 - Identify Data & Tool Needs
- 3:00 pm Wrap up and Next Steps
- 3:30 pm Adjourn Optional Tour





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Hybrid Webinar Agenda

- Introduction to the Florida Water and Climate Alliance
- Featured Presenters:
 - Flood Hub Overview – **Tom Frazer**
 - Structure of Flood Hub Relationship with State – **Mark Rains**
 - State Resiliency Program Update – **Wes Brooks**
 - Flood Hub Sea Level Rise Workgroup Update – **Gary Mitchum**
 - Flood Hub Rainfall Workgroup Update – **Jayantha "Obey" Obeysekera**
 - Florida Silver Jackets: Collaboratively Working Towards Resiliency – **Stephanie Verhulst**
- Announcements, Wrap-up



Logistics

- Webinar is being recorded.
- Will post recording and slides on website: www.floridawca.org
- Can be helpful to use “speaker view” (top right corner)
- Use the chat to submit your questions, they will get read during Q & A. Those in person will have an opportunity in the afternoon, so will prioritize questions from zoom.
- Send any announcements you have (new publications, webinars of interest, proposed legislation, etc.) in the chat – we will share to the listserv



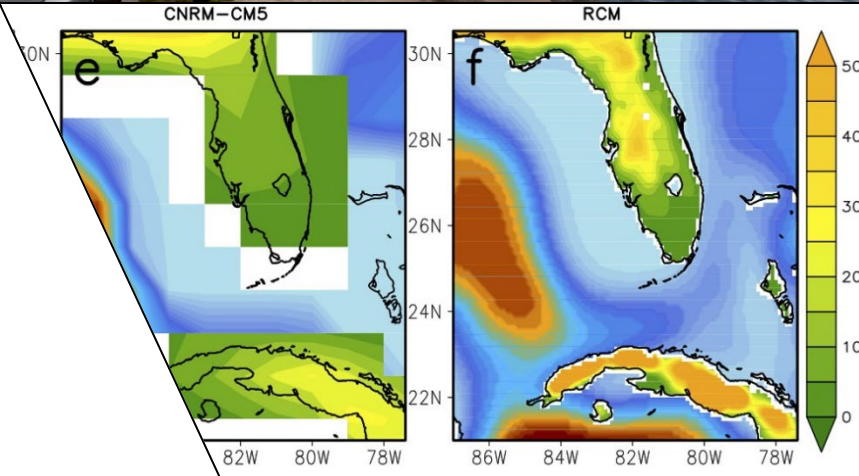
Professional Development Hours

- Can receive Professional Development Hours for PE license.
- **No partial credit.**
 - **You will receive 2 hours if participate in entire webinar.**
 - **Webinar + in-person afternoon will receive 5 hours**
- You should have been asked during registration if you want credits, or send your name and PE license number to Darlene Velez: saindodd@ufl.edu





A stakeholder-scientist partnership committed to the co-development of locally relevant and actionable climate science to support informed decision-making in water resource management, planning and supply operations in Florida



www.FloridaWCA.org



Our Vision:

A climate-resilient water sector in Florida.

Our Mission:

Foster partnerships to co-develop and share actionable climate science, data and decision support that promotes sustainability in the water sector through applied research, learning and outreach.

Activities:

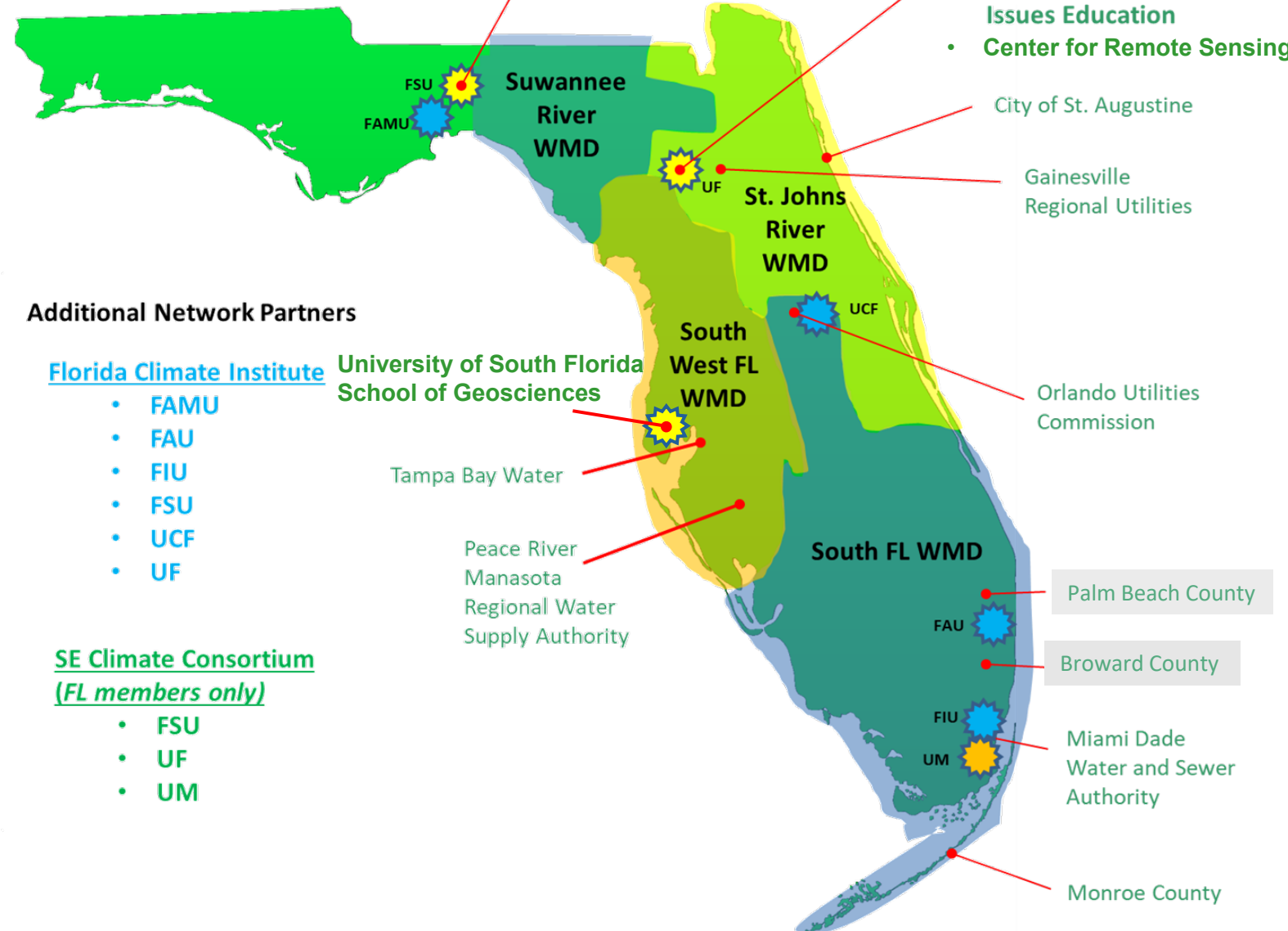
Workshops and
Webinars

Interdisciplinary
Projects

Website and
Mailing List

Florida State University Center for Ocean-Atmospheric Prediction Studies

- University of Florida
- Water Institute
 - IFAS Center for Public Issues Education
 - Center for Remote Sensing



Additional Network Partners

Florida Climate Institute

- FAMU
- FAU
- FIU
- FSU
- UCF
- UF

University of South Florida School of Geosciences

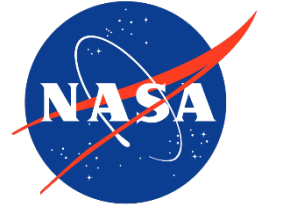
Tampa Bay Water

Peace River Manasota Regional Water Supply Authority

SE Climate Consortium (FL members only)

- FSU
- UF
- UM

Members and Supporters of the Florida Water & Climate Alliance



Learn more at:
www.FloridaWCA.org

Join us by contacting:

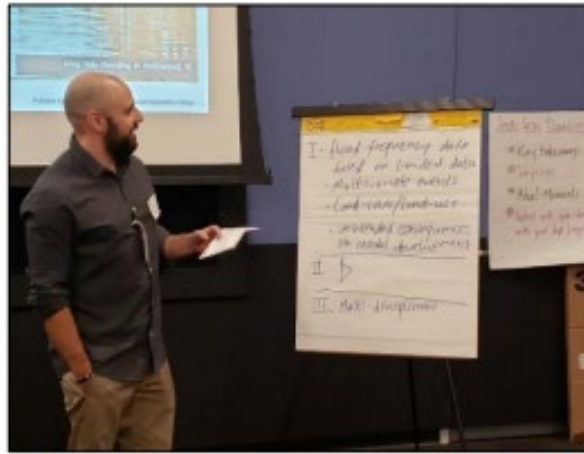
Darlene Velez
saindodd@ufl.edu

Looking Back

Feb
2020

Topics of Discussion

- Groundwater Supply Planning
- Blue-Green Algae Task Force
- Year 1: NASA-funded project integrating Earth Systems data into utility decision-making tool
- Sea-level rise impacts and adaptation strategies of extreme rainfall and flooding events
- Legislative Bills Proposed:
 - Office of Resiliency
 - Land Subsidence Research Initiative
 - Clean Waterways Act



Last FloridaWCA in-person workshop hosted by Orlando Utilities Commission

FloridaWCA Over the Last 5 Years....

- Switched from in-person workshops to **virtual webinars** to maintain partnership during Covid... now trying hybrid!
- Held **14 webinars/ workshops** on various water and climate topics
- Grown our listserv following from 290 to **over 1,180 people** from multiple organizations.
- **Completed 4-year project:** *Integrating NASA Earth Systems Data into Decision-Making Tools of FloridaWCA Member Utilities*
- FloridaWCA members have **published 18 journal articles.**

2020

2021

2022

2023

2024

2025