



AGENDA

**DEVELOPMENT OF UNIFIED RAINFALL
SCENARIOS FOR FLORIDA WORKSHOP**

MAY 16, 2019

MARC BUILDING, MMC
FLORIDA INTERNATIONAL UNIVERSITY

SCHEDULE

8:00 - 8:15

Registration

8:15 - 8:30

Welcome Remarks:

Todd Crowl, FIU InWE; William Anderson, FIU ORED

8:30 - 8:40

Welcome Remarks:

South Florida Water Management District

8:40 - 9:00

Progress to date by SFWMD

9:00 - 9:20

"Rainfall variability over Florida: Opportunities and Challenges", Vasu Misra, Florida State University

9:20 - 9:50

"Aggregated climate change scenarios for the Netherlands: their construction and stakeholder uptake", Bart van den Hurk, on behalf of Rijkswaterstaat, KNMI, Deltares, The Netherlands

9:50 - 10:00

BREAK

10:00 - 10:20

"High-resolution and low resolutions climate model predictions for south Florida and southeast United States drought", Ben Kirtman;

"Constraining model projections of regional precipitation change", Brian Soden;

"The AMO and Florida rainfall", Amy Clement, and Jeremy Klavans, all from University of Miami

10:20 - 10:40

"An Integrated Evaluation of the Simulated US Hydroclimate System: Focusing on Extreme Rainfall" Hyperion Project (funded by Department of Energy), Kevin Reed, Stony Brook University

10:40 - 11:00

"A hybrid dynamical-statistical analog downscaling technique to efficiently explore changes in extreme precipitation", Jupiter Intelligence, Luke Madaus, Boulder, Colorado

11:00 - 11:20

"Evaluation of future climate change and water use scenarios on regional hydrology" Wendy Graham, Water Institute, University of Florida, Tirusew Asefa, Tampa Bay Water

11:20 - 11:40

"Statewide Trends in Rainfall minus Potential ET", Barclay Shoemaker, David Sumner, US Geological Survey (USGS)

11:40 - 12:00

"Considerations for the Design and Use of Scenarios that Inform Robust Decisions", Casey Brown, University of Massachusetts, National Academy, CISRERP Committee of the Everglades

12:00 - 1:00

LUNCH BREAK

1:00 - 2:30

Breakout sessions: Needs, strategies, and funding (for both short-term & long-term)

2:30 - 3:30

Presentations by Breakout groups

3:30 - 4:30

Plenary Discussion

4:30 - 5:00

Closing Remarks