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## South Florida Water Management District

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# WATER AND CLIMATE RESILIENCE METRICS PUBLIC WORKSHOP AGENDA

January 22, 2021

10:00 AM

Via Communications Media Technology  
[SFWMD.gov/calendar](http://SFWMD.gov/calendar)

1. Welcome and Introductions
2. Developing the District's Water and Climate Resilience Metrics
  - a) Water and Climate Resilience Metrics Introduction and Background  
**Dr. Carolina Maran**, District Resiliency Officer, SFWMD
  - b) District's Water and Climate Resilience Metrics Examples
    - Coastal Structures Tailwater and Headwater Elevation Observed Trends  
**Dr. Tibebe Dessalegne**, Section Leader, Operational Hydraulics, SFWMD
    - Groundwater Stages and Saltwater Intrusion Observed Trends  
**Karin Smith**, Principal Scientist, Water Supply Bureau, SFWMD
    - Hydrology Observed Trends: Rainfall Extremes  
**Dr. Alaa Ali**, Chief Engineer, Hydrology and Hydraulics Bureau, SFWMD
    - Hydrology Observed Trends: Evaporation  
**Kevin Zhu**, Engineer, Hydro Data Management, SFWMD
    - Water Quality Observed Trends: Dissolved Oxygen and Specific Conductance  
**Dr. Nenad Ircanin**, Principal Scientist, Water Quality Bureau, SFWMD
    - Ecosystem Observed Trends: Soils Subsidence  
**Dr. Carlos Coronado**, Scientist Lead, Applied Sciences Bureau, SFWMD
  - c) USGS Water Level and Salinity Analysis Mapper  
**Dr. Tara Root**, Hydrologist, USGS Caribbean-Florida Water Science Center
  - d) Water and Climate Resilience Metrics Implementation  
**Dr. Carolina Maran**, District Resiliency Officer, SFWMD
3. Public Comment
4. Adjourn