Florida Water & Climate Alliance Webinar
Climate Change Impacts on Wastewater & Stormwater Management
September 20, 11:00am – 1:00pm

Agenda:

- Welcome and Introduction to the Florida Water & Climate Alliance
- FloridaWCA Project Updates on Integrating NASA Earth Systems Data into Decision-Making Tools of Member Utilities
    - Monitoring of the 2021 Rainy Season Over Florida's Water Management Districts: Vasu Misra, Ph.D., Professor of Meteorology, Center for Ocean-Atmospheric Prediction Studies, Florida State University
- Climate Change Impacts on Wastewater & Stormwater Management
    - Vulnerability Analysis of Onsite Wastewater Treatment Systems in Low-Lying Coastal Communities to Multiple Climate Related Threats: Jessica Beach, P.E., Chief Resilience Officer, City of St. Augustine; Tricia Kyzar, Ph.D., Spatial Analyst / Project Manager, Wildwood Consulting Inc.
    - Using Logistic Regression to Model the Risk of Sewer Overflows Triggered by Compound Flooding with Application to Sea Level Rise: Steve Meyers, Ph.D., Chief Scientist, Center for Maritime and Port Studies, USF
    - The Importance of Risk-Based Decision Making for Total Maximum Daily Loads in a Changing Climate: Ebrahim Ahmadisharaf, Ph.D., Senior Research Associate, Resilient Infrastructure and Disaster Response (RIDER) Center, Civil and Environmental Engineering, FAMU-FSU
    - Development of Future Rainfall Depth-Duration-Frequency Curves for South and Central Florida: Michelle Irizarry-Ortiz, P.E., CC-P, Hydrologist, USGS Caribbean-Florida Water Science Center
    - Central and South Florida System, Flood Risk Management Study, and Resiliency Needs: Eva B. Vélez, P.E., Strategic Program Manager, Ecosystem Branch, US Army Corps of Engineers, Jacksonville District; Jason Engle, P.E., Chief of Water Resources Engineering Branch, US Army Corps of Engineers, Jacksonville District
- Q & A with audience and discussion
- Close

Facilitator: Karen Schlatter, Research Coordinator, University of Florida Water Institute