

SWIM/SWAN 2019 Workshop

Hosted by Miami-Dade Water & Sewer Department, Florida

Tuesday, May 14th 1:00 – 5:00 pm

Monroe Room, Hyatt Regency, Miami, Florida

WATER SECTOR ADVANCED ASSET MANAGEMENT FOR SUSTAINABILITY AND RESILIENCE

The workshop will address one of the most pressing societal needs over the next several decades on how to transform the broad spectrum of water sector infrastructure systems to become more sustainable and resilient through advanced asset management practices.

Attendees will learn about the most extensive knowledge database, data and evaluation platform, plus training programs currently available in the US to support advanced asset management practices. You will have the opportunity to provide feedback and direction on how to effectively disseminate information about these available programs and further engage the water sector.

Workshop is free, but only 50 Seats are available for participants!!

Register at: <https://www.swan-2019.com/may-14---pre-conf-workshops.html>

WORKSHOP AGENDA

1:00 pm: Welcome Address and Opening Remark

Doug Yoder, Deputy Director, Operations, Miami-Dade County Water and Sewer Department

1:15 pm: Smart Water Network Forum (SWAN)

Ken Thompson, Chairman, The Smart Water Networks Forum (SWAN) Council

1:30 pm: Sustainable Water Infrastructure Management (SWIM) Center

Sunil Sinha, Professor and Director, SWIM Center, Virginia Tech

1:45 pm: National Water Sector Infrastructure Knowledgebase – WATERiD

WATERiD knowledgebase is a single point information center to find relevant information that will aid in decision-making for the selection of appropriate asset management practices.

Walter Graf, Program Director, Strategic Asset Management, Water Research Foundation

2:15 pm: National Water Sector Pipeline Infrastructure Database - PIPEiD

PIPEiD will assist in a more effective management of water sector pipeline infrastructure systems for performance, resiliency, and sustainability. PIPEiD will provide advanced data analytics platform.

Fazle Rabbi, Managing Engineer, Houston Water, City of Houston, Texas

3:00pm-3:15pm: Coffee Break

3:15 pm: Workforce Skills of the Future for Water Sector - SWIMeD

Engagement across the educational lifecycle is particularly urgent due to impending changes in the water sector workforce skills and intelligent/smart water infrastructure systems of the future.

Glenda Scales, Associate Dean, Global Engagement and Engineering Online, Virginia Tech

3:45 pm: Smart Water Infrastructure System – A Pathway for Sustainability & Resilience

Cyber-Physical-Social infrastructure system will transform the way people interact with water services.

Hardeep Anand, Deputy Director, Capital Program, Miami-Dade County Water and Sewer Department

4:15 pm: Breakout Sessions on Knowledgebase, Database, and Workforce Development

Moderators: Walter Graf, Ken Thompson, Celine Hyer, Fazle Rabbi, Glenda Scales, & Hardeep Anand

Reporters: Kathleen Laskowski and Sunil Sinha

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