

MIKE Software Summit 2026: Surface Water, Groundwater, and Coastal Processes in Florida’s Water Environments - Conference Program

- I. Join a global community of MIKE users and experts.**
Participate in a two-day event to exchange ideas and share experiences in water modeling with fellow MIKE SHE, MIKE+, and MIKE 21/3 users and renowned experts worldwide.
- II. Showcase your work and engage in dynamic discussions.**
Present your research and join lively discussions on the software's capabilities and the implications of its future developments.
- III. Explore innovations and address practical challenges.**
Delve into the latest innovations and trends, address practical challenges and potential solutions.
- IV. Enhance your skills with comprehensive training workshops.**
Expand your skillset through training workshops designed for beginners and advanced users.

Day 1 Presentation Topics (March 12th, 2026)

Start	End	Presenter	Title
09:00	09:05	Alexander Ewald (DHI)	Welcome to the Summit and an Introduction to DHI
09:05	09:15	Dr. Rachel Rotz (FGCU)	History of FGCU and the Water School
09:15	09:30	Douglas Graham (DHI)	Introduction to MIKE Software
09:30	09:50	Rama Rani (Hazen and Sawyer)	From Legacy to Leading-Edge: Transforming Integrated Modeling with MIKE+
09:50	10:10	Joseph Wilder and Tayyab Mehmood (Taylor Engineering, Inc.)	Simulating Flood and Drought Dynamics in South Florida Using a Unified Modeling Framework: Quantifying Recharge Requirements Under Severe Dry-Season Conditions
10:10	10:30	Morning Break	
10:30	10:45	Mikkel Andersen (DHI)	Introduction to MIKE Marine Software
10:45	11:05	Grace Pleasant (GHD)	Tides, Flows, and Pollutants: An Integrated Approach to Biscayne Bay Water Health
11:05	11:25	Michael B. Kabiling (Taylor Engineering, Inc.)	A Hybrid Shoreline Morphology Model for Shoreline Stabilization
11:25	11:45	Siyu Miao, Q. Jim Chen, Stephen Ma, and Ling Zhu (Northeastern University)	Wave-Vegetation Interaction in Flooded Wetlands During Tropical Cyclones: Field Observations and Numerical Modeling

Start	End	Presenter	Title
11:45	12:05	Nihar Samal (NYC DEP)	A Technical Framework for Pre- and Post-Processing InfoWorks Model Data Using the MIKE Operations Tool
12:05	13:15	Lunch Break	
13:15	13:35	Steve Blake (DHI)	Introduction to MIKE Surface Water and Groundwater Software
13:35	13:55	Amy Cook (Miami-Dade County-RER)	Integrated Surface-Groundwater Model for the Miami-Dade County Stormwater Management Program Master Plan
13:55	14:15	Emily Begin (Coastal Habitat and Water Quality Initiative)	Beneficial Reuse and Urban Stormwater Resilience: C-HAWQ Demonstrating How Dredged 'Muck' Can be Transformed into Thriving Habitats Using Native Vegetation and Smart Planning
14:15	14:35	Hongying Zhao (South Florida Water Management District)	FPLOS at South Florida: Assessing Vulnerability of SFWMD's Flood Protection Assets and Proposing Adaptive Solutions
14:35	14:50	Patrick Delaney (DHI)	Introduction to MIKE+ Inland Flooding Software
14:50	15:10	Afternoon Break	
15:10	15:30	Maria Loinaz (Collective Water Resources)	Challenges and Approaches of Modeling Wetlands in the Corkscrew Regional Ecosystem Watershed
15:30	15:50	Stephanie Long-Marquez (Chen Moore and Associates)	Different Tools, Different Goals: Hydrologic Modeling of South Florida's Western Basins
15:50	16:10	Dr. Andreas Nikolaidis (Florida Gulf Coast University)	A Contribution to the Study of Peace River
16:10	16:30	Salomi Seeram (Coastal Dynamics Limited)	Hydrologic-Hydrodynamic Modeling in a Climate Change Future
16:30	16:50	Mohamed Gaafar (Stantec) (Time Permitting -Virtual)	Integrated 3-Way MIKE Modeling for Urban Flood and Stormwater Management in Low-Lying Coastal Cities: A Case Study of Napier, New Zealand
Concurrent Closing Breakout Sessions			
16:50	17:20	Stephen Ma and Mikkel Andersen (DHI)	Closing Statements from Coastal Modeling
16:50	17:20	Douglas Graham, Patrick Delaney and Steve Blake (DHI)	Closing Statements from Inland Flooding

Day 2 Overview (March 13th, 2026)

Start	End	Presenter	Title
09:00	09:30	DHI Staff (see below)	Welcome to Day 2 and Installation Overview
09:30	12:30	DHI Staff (see below)	Session 1: Choice of Training Topics
12:30	13:45	N/A	Lunch Break
13:45	17:00	DHI Staff (see below)	Session 2: Choice of Training Topics

Day 2 Training Session Topics (March 13th, 2026)

Start	End	Presenter	Room	Title
09:00	09:30	All DHI Staff	1-4	Welcome to Day 2 and Installation Overview
09:30	12:30	Mikkel Andersen (DHI)	1	Introduction to MIKE 21 for 2D Coastal Processes
09:30	12:30	Douglas Graham (DHI)	2	Introduction to MIKE SHE/MIKE+ Modeling: Getting Started with MIKE SHE Modeling – Why, When and How
09:30	12:30	Steve Blake (DHI)	3	MIKE SHE with MIKE+ Modeling Methods: Techniques for Developing and Integrating 1D Models
09:30	12:30	Stephen Ma (DHI)	4	Introduction to MIKE 3 Wave for Wave Run-Up and Overtopping
12:30	13:45	Lunch Break		
13:45	17:00	Mikkel Andersen (DHI)	1	Advanced Topics for MIKE 21 for 2D Coastal Processes
13:45	17:00	Douglas Graham and Steve Blake (DHI)	2	Advanced Topics for MIKE SHE/MIKE+ Modeling: ET and Calibration and Roundtable Session
13:45	17:00	Stephen Ma (DHI)	4	Advanced Topics for MIKE 3 Wave for Wave Run-Up and Overtopping