

South Florida Association of Environmental Professionals

TOPIC: **2018 Annual Symposium**
Environmental Impacts from Hurricane Irma: Lessons Learned and Preparing for Next Hurricane Season

WHERE: NSU, Halmos College of Natural Sciences & Oceanography
Guy Harvey Oceanographic Center Building – 3rd Floor Auditorium
8000 N. Ocean Drive, Dania Beach, Florida

WHEN: Friday March 16, 2018, 8:00 am – 5:00 pm, then a social event at 5 pm

REGISTER ONLINE: <http://bit.ly/2018SFAEPSYMPOSIUM>

SPEAKERS & PRESENTATIONS:

Tommy Stowd, PE; **Lake Worth Drainage District**
Water Management During Storm Events

Diane Pupa, **Florida Department of Environmental Protection, Permitting and Waste Cleanup**
Lessons Learned from Hurricanes Matthew and Irma

Bernhard Riegl, Ph.D.; **NSU Halmos College of Natural Sciences and Oceanography**
Disturbances and the Dynamics of Life

Carrie Aurit, GISP, CFM; **SCS Engineers**
SCS provides Hurricane Debris Management Support in Manatee County

Anna Wachnicka, Ph.D.; **SFWMD Coastal Ecosystems Section**
Impacts of Hurricane Irma on Algal Biomass and Water Quality in Biscayne Bay

Mike Roberts, CEP; PWS; **Monroe County Planning & Environmental Resources**
Hurricane Related Impacts to the Florida Keys - What we learned about disaster debris

Karl Bursa, AICP, CFM; **Islamorada, Village of Islands**
Hurricane Irma and Lower Matecumbe Key: Examining the Effects of Avulsion

Damon Meiers, PE; **South Florida Water Management District**
Types of Hurricane Irma Emergency Field Authorizations Issued by SFWMD

Gus Rios, **Florida Department of Environmental Protection**
Keys Canal Debris Removal Program and DEP Requirements for Debris Management

Greg Polidora; **Florida Power and Light**
FPL Hurricane Irma Response

Matthew Johnston, Ph.D.; **NSU Halmos College of Natural Sciences and Oceanography**
Hurricanes Accelerated the Florida-Bahamas Lionfish Invasion

Ingrid Gilbert, **U.S. Army Corps of Engineers**
The Army Corps – An Overview of Alternate Permitting Procedures

James Duncan; **Miami-Dade County Division of Environmental Resources Management**
Listed Species, Habitat, Resources and Policy Considerations for Debris Staging Areas

Sandy Walters; **SWC**
A Consultant's View of Hurricane Irma Emergency Permitting in the Florida Keys

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SFAEP Annual Symposium 2018: Hurricane Irma Environmental Impacts and Lessons Learned

Friday March 16, 2018

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- 8:00 Registration
- 8:30 Welcome and Recognitions: Ryan Goldman, SFAEP President
- 8:40 Keynote: *“Water Management During Storm Events”* Tommy Strowd, P.E., District Engineer, Director of Operations and Maintenance, Lake Worth Drainage District
- 9:15 *Lessons Learned from Hurricanes Matthew and Irma*, Diane Pupa, Program Administrator-Permitting and Waste Cleanup, Florida Department of Environmental Protection
- 9:40 *“Disturbances and the Dynamics of Life”* Bernhard Riegel, Ph.D., Professor and Chair, Department of Marine and Environmental Sciences, Halmos College of Natural Sciences and Oceanography, Nova Southeastern University
- 10:05 Morning Break
- 10:20 *“SCS provides Hurricane Debris Management Support in Manatee County”* Carrie Aurit, GISP, CFM, Project Director, SCS Engineers, Tampa, FL
- 10:45 *“Impacts of Hurricane Irma on Algal Biomass and Water Quality in Biscayne Bay”* Anna Wachnicka, Ph.D., Lead Scientist, Coastal Ecosystems Section, South Florida Water Management District
- 11:10 *“Hurricane Related Impacts to the Florida Keys - What We Learned about Disaster Debris”* Mike Roberts, CEP, PWS, Sr. Administrator/Environmental Resources, Monroe County Planning and Environmental Resource
- 11:35 *“Hurricane Irma and Lower Matecumbe Key: Demonstrating and Examining the Effects of Avulsion”* Karl Bursa, AICP, CFM, Senior Planner, Islamorada Village of Islands
- 12:00 Lunch
- 1:10 *“Types of Hurricane Irma Emergency Field Authorizations Issued by SFWMD”* Damon Meiers, PE, Staff Engineer, Environmental Resource Bureau, South Florida Water Management District
- 1:35 *“Keys Canal Debris Removal Program and DEP Requirements for Debris Management and Disposal”* Gus Rios, Program Administrator, Florida Department of Environmental Protection, South District Marathon Office
- 2:00 *“Florida Power and Light Company, Hurricane Irma Response”* Greg Polidora, Senior Vegetation Specialist, East Region Vegetation Management-Power Deliver, Florida Power and Light
- 2:25 *“Hurricanes Accelerated the Florida-Bahamas Lionfish Invasion”* Matthew Johnston, Ph.D., Assistant Professor, Department of Biological Sciences, Halmos College of Natural Sciences and Oceanography, Nova Southeastern University
- 2:50 Afternoon Break
- 3:05 Group Discussion
- 3:30 *“The Army Corps - An Overview of Alternate Permitting Procedures”* Ingrid Gilbert, U.S. Army Corps of Engineers
- 3:55 *“Listed Species, Habitat, Resources and Policy Considerations in Reviewing Emergency Debris Staging Areas”* James Duncan, Environmental Resources Project Supervisor, Division of Environmental Resource Management (DERM) Miami-Dade County
- 4:20 *“A Consultant’s View of Hurricane Irma Emergency Marine Permitting in the Florida Keys”* Sandy Walters, President, SWC, Inc.
- 4:45 Closing Remarks
- 5:00 After-Conference Social Gathering