2016 National Monitoring Conference-at-a-Glance

(subject to change)

$ = Carries fee
R = Requires pre-registration

MONDAY, MAY 2

10:00 – 5:00	**Chassahowitzka Springs System Tour ($,R)**
10:00 – 5:00	**Homosassa Springs State Park ($,R)**
1:00 – 5:30	**Mote Marine Laboratory Tour ($,R)**
1:30 – 5:00	**Florida Fish and Wildlife Research Institute and USGS Coastal and Marine Geology Science Center Tour ($,R)**
1:30 – 6:00	**Robinson Preserve Wetlands Restoration Tour ($,R)**
	A1
A Sessions 1:30 – 3:00	WORKSHOP: Discover, Retrieve, and Analyze Water Data in R: The dataRetrieval, EGRET (Exploration and Graphics for RivEr Trends) and EGRETci R packages, Part 1 (R)
3:00 – 3:30	Break
	B1
B Sessions 3:30 - 5:00	WORKSHOP: Discover, Retrieve, and Analyze Water Data in R: The dataRetrieval, EGRET (Exploration and Graphics for RivEr Trends) and EGRETci R packages, Part 2 (R)

TUESDAY, MAY 3

	C1	C2	C3	C4	C5	C6	C7	C8	C9
C Sessions 8:30 – 10:00	Continuous Monitoring: Past, Present, and Future	Advances in Harmful Algae Bloom Monitoring and Assessment Programs	Nutrient Reduction Effectiveness in Florida	Integration of Remote Sensing into Water Management Programs	Ecological Endpoints and Modeling in Great Lakes Monitoring	Recovery and Use of Historic Water Quality Data	Monitoring Reefs and other Sensitive Coastal Areas	Integrated Regional Collaborations	WORKSHOP: Relative Bed Stability – Using 'R' to Calculate Quantitative Physical Habitat Metrics (R)
10:00 – 10:30	Break								
10:30 – 12:00	**Plenary**								
12:00 - 1:30	Lunch								
1:30 – 3:00	**Networking**								

3:00 – 3:30	Break								
	D1	**D2**	**D3**	**D4**	**D5**	**D6**	**D7**	**D8**	**D9**
D Sessions 3:30 – 5:00	Continuous Monitoring, Continually Improved	Monitoring in the Mississippi River Basin: Efforts of the Hypoxia Task Force and Its Partners	Collaborative Approaches to Biological Monitoring	Contaminants of Emerging Concern	Using WRTDS to Determine Long and Short Term Trends	National Scale Monitoring Perspectives	Monitoring Groundwater Quality in Areas of Energy Development	PANEL: Reducing Barriers to Publishing to the Water Quality Portal: Enabling Data Sharing for States, Tribes, Citizen Scientists, Volunteers, and Other Local Groups	SHORT COURSE: Are Soil Health Management Systems a Solution to Agricultural Water Quality Issues? - the School Branch Project (R)
5:00 – 7:00	**Exhibitor Reception**								

WEDNESDAY, MAY 4

7:00 – 8:30	Breakfast								
	E1	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**
E Sessions 8:30 – 10:00	Great Lakes Restoration Monitoring	Assessing Water Quality with Remote Sensing	Ecosystem Indicators of Coastal and Freshwater Health	Cool Applications of R for Scientific Workflows, Part 1	Emerging and Legacy Contaminants	Regional Scale Monitoring Perspectives	Managing and Sharing Volunteer Data	PANEL: How to Assess and Mitigate HABs and Hypoxia Challenges	SHORT COURSE: Field Protocols for Collecting Continuous Thermal and Hydrologic Data, Part 1 (R)
10:00 – 10:30	Break								
	F1	**F2**	**F3**	**F4**	**F5**	**F6**	**F7**	**F8**	**F9**
F Sessions 10:30 – 12:00	Continuous Monitoring in Florida's St. Johns River Basin	Harmful Algae Bloom Prediction and Forecasting	Seeing the Forest Through the Trees with BMPs	Cool Applications of R for Scientific Workflows, Part 2	Diverse Approaches to Assess Sensitive Coastal Environments	National Groundwater Monitoring Network	Metals, Mining and More: Monitoring Watersheds to Restore	WORKSHOP: Volunteer Monitoring 101: Getting Started (R)	SHORT COURSE: Field Protocols for Collecting Continuous Thermal and Hydrologic Data, Part 2 (R)
12:00 – 1:00	Lunch								
1:00 – 2:00	**Poster Viewing**								

1:30 – 5:00	**Crystal Springs Preserve and Zephyrhills Bottling Plant Tour ($,R)**								
1:30 – 5:00	**LAKEWATCH Water Quality Sampling Tour ($,R)**								
	G1	**G2**	**G3**	**G4**	**G5**	**G6**	**G7**	**G8**	**G9**
G Sessions 2:00 – 3:30	Keeping an Eye on E. coli	Integrating Watershed Assessments to Promote Protection and Restoration Synergy	Adventures in the Water Quality Portal	Organic Contamination : Occurrence and Risk	Effects of Climate Change and Extreme Weather Patterns	Doing More with Less: Models for Community Collaboration	Tools for Visualizing Water Quality	SHORT COURSE: Advancing Sensor Technology for Priority Water Parameters (R)	WORKSHOP: The Science and Management of Water Quality on Coral Reefs, Part 1 (R)
3:30 – 4:00	Break								
	H1	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**
H Sessions 4:00 – 5:30	Remote and Autonomous Sensors for Detecting Harmful Algae Blooms	Monitoring Management Actions in Agriculturally-influenced Watersheds	Modeling from Source to Sea	Working Across Agency Boundaries	Assessing Groundwater Quality Trends	Around the Globe: Citizen Science and Community Education	A fish, a mussel, and a mayfly walk into a sand bar…	WORKSHOP: How to Access and Acquire USGS Water Data and Information (R)	WORKSHOP: The Science and Management of Water Quality on Coral Reefs, Part 2 (R)
Optional evening group meetings TBD									

THURSDAY, MAY 5

7:00 – 8:30	**Fluid 5K Run ($, R)**								
7:00 – 8:30	Breakfast								
	I1	**I2**	**I3**	**I4**	**I5**	**I6**	**I7**	**I8**	**I9**
I Sessions 8:30 – 10:00	Tools to Manage, Display, and Share Continuous Monitoring Data	Using Technology to Address Challenges in the Field	Nutrient Trends in the Rivers of the United States, Part 1	Understanding Multi-Stressor Response in Streams at the Regional Scale	Water Quality Management Using WQX and ATTAINS	Wetlands are Water Too: Moving into Underassessed Waters	National Scale Assessments of Groundwater Quality	WORKSHOP: Effective Science Communic-ation, Part 1 (R)	SHORT COURSE: Water Quality Monitoring using NASA Remote Sensing Observations, Part 1 (R)
10:00 – 10:30	Break								

	J1	J2	J3	J4	J5	J6	J7	J8	J9
J Sessions 10:30 – 12:00	Making Sense of Continuous Monitoring Datasets	Understanding Variability in Pathogenic Microbial Communities	Nutrient Trends in the Rivers of the United States, Part 2	Open Water Data Initiative	Regional Coastal Monitoring Programs	Combining Technology and Collaboration for Strategic Condition Assessment	Approaches for Determining Biological Condition	WORKSHOP: Effective Science Communic-ation, Part 2 (R)	SHORT COURSE: Water Quality Monitoring using NASA Remote Sensing Observations, Part 2 (R)
12:00 – 2:00	**Plenary/Awards Luncheon**								
	K1	**K2**	**K3**	**K4**	**K5**	**K6**	**K7**	**K8**	**K9**
K Sessions 2:00 – 3:30	Continuous Monitoring from Yellowstone to the Gulf of Mexico	Effectiveness of Nutrient Reduction Strategies	Found in Space: National Geospatial Applications	West Coast Connections: From Fresh Water to the Sea	Revealing Impairments with Innovative Statistical Methods	Criteria and Threshold Development	Moving Forward in Volunteer Monitoring by Learning from the Past	PANEL: Advocating and Achieving Regional Monitoring Collaborations: The Success of Southwest Florida's Regional Ambient Monitoring Program	WORKSHOP: Procedures and R Scripts for QCing, Formatting and Deriving Summary Outputs for Continuous Temperature and Hydrologic Data (For Beginner R Users) (R)
3:30 – 4:00	Break								
	L1	**L2**	**L3**	**L4**	**L5**	**L6**	**L7**	**L8**	**L9**
L Sessions 4:00 – 5:30	Landsat Applications for Cyanobacteria Monitoring	Effectiveness of Wastewater Management Strategies	Assessing Water Quality Conditions in Damaged and Contaminated Areas	No Data Without Metadata	Long-Term Trends in Coastal Water Quality	Southern Volunteer Monitoring Initiatives	Assessing Radioactivity in Drinking Water Aquifers	PANEL: Useful, Timely, Florida-specific Monitoring Products ….From a Council of your Peers	WORKSHOP: Procedures and R Scripts for QCing, Formatting and Deriving Summary Outputs for Continuous Temperature and Hydrologic Data (For Advanced R Users) (R)

FRIDAY, MAY 6

7:00 – 8:30	Breakfast	
	M1	M2
M Sessions 8:30 – 10:00	PANEL: From the Office to the Field: Perspectives on a Global Citizen Science Project	WORKSHOP: The Water-CAT: A Useful, Timely, Florida-specific Resource Management Tool (R)
8:30 – 12:00	WQX/STORET Training	
8:30 – 12:00	NARS Training	
9:00 – 12:30	**Tampa Bay Water Desalination Plant Tour ($,R)**	
9:00 – 2:00	**Duette Preserve Tour ($,R)**	
9:00 – 3:00	**Wall Springs Springshed and Estuarine and Sea Grass Exploration ($,R)**	