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Poster No.	Prefix	First Name	Last Name	Organization	City	ST	Abstract Title	Session No.
56	Mr.	Omar	Abdelrahman	Miami-Dade County DERM	Miami	FL	Surface Water Quality Monitoring Program within Biscayne Bay Aquatic Preserves and Biscayne National Park: Tracking Trends to Predict Impacts	**Session Two**
33	Mr.	Gordon	Anderson	U.S. Geological Survey	Gainesville	FL	First Year Observations of Groundwater and Surface Water Salinity Variability in the Eastern Panhandle Marsh: Developing a Restoration Groundwater Salinity Baseline, Everglades National Park, FL, Usha	**Session One**
77	Mr.	Joseph	Andreoli	University of Florida, Department of Geography	Gainesville	FL	Predicting the Potential Geographic Distributions of Non-Native Fishes In Florida with Climate Change	**Session Two**
73	Mr.	Christian	Avila	Miami-Dade County	Miami	FL	An Update on Recent Salinity and Submerged Aquatic Vegetation Trends in Northeastern Florida Bay	**Session Two**
63	Ms.	Sara	Baker	University of Florida/IFAS, Soil and Water Sciences Department	Gainesville	FL	Effects of Flow on Enzyme Activity in the Everglades Stormwater Treatment Areas	**Session Two**
2	Mr.	John	Baldwin	South Plantation High School	Planation	FL	Bringing the Classroom to the Science: High School Internship in Everglades Ecosystem Ecology	**Session One**
57	Dr.	Timothy	Bargar	USGS	Gainesville	FL	Baseline Aquatic Contamination and Endocrine Status in a Resident Fish of Biscayne National Park	**Session Two**
10	Dr.	James	Beerens	U.S. Geological Survey	Davie	FL	Cape Sable Seaside Sparrow Decision Support Tools for Water Management	**Session One**
86	Dr.	James	Beerens	U.S. Geological Survey	Davie	FL	Habitat Selection of the Burmese Python in the Florida Everglades	**Session Two**

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93	Mrs.	Allison	Benscoter	U.S. Geological Survey	Fort Lauderdale	FL	Assessing the Role of Fire Disturbance in Maintaining Cape Sable Seaside Sparrow *(Ammodramus maritimus mirabili* s) Habitat Use	**Session Two**
28	Ms.	Jeanne	Bermudez	Florida Atlantic University (FAU)	Southwest Ranches	FL	Effects of Freshwater Acidification on Microalgal Growth Rates and Pigment-Based Chemotaxonomy	**Session One**
41	Dr.	Henry	Briceno	Florida International University (FIU)	Miami	FL	Potential Trajectories of Water Quality Forced by Sea Level Rise in the Florida Coastal Everglades	**Session One**
42	Dr.	Henry	Briceno	Florida International University (FIU)	Miami	FL	Total Phosphorous Levels in Surface Water Discharges to Shark River Slough, Everglades National Park	**Session One**
13	Dr.	Venetia	Briggs-Gonzalez	University of Florida/IFAS, Wildlife Ecology & Conservation	Davie	FL	Survival and Population Growth of the American Crocodile *(Crocodylus acutus)*	**Session One**
94	Mr.	David	Bucklin	University of Florida/IFAS, Fort Lauderdale Research & Education Center	Davie	FL	Spatio-Temporal Niche Differentiation for Sea Turtles Tracked In and Around Dry Tortugas National Park, FL	**Session Two**
75	Mr.	David W.	Ceilley	Johnson Engineering Inc.	Fort Myers	DC	Restoration of a Valued Ecosystem Component, *Vallisneria americana* in the Caloosahatchee River & Estuary	**Session Two**
17	Dr.	Jennifer	Chastant	Palm Beach County	West Palm Beach	FL	Landscape-Level Correlates of Wading Bird Stress in a Seasonally Fluctuating, Subtropical Lake	**Session One**
95	Mr.	Michael	Cherkiss	USGS	Davie	FL	Sea Turtle Nesting in Everglades National Park: Integrating Beach Surveys, Satellite Tracking, and Genetics	**Session Two**
60	Dr.	Michael	Chimney	South Florida Water Management District	West Palm Beach	FL	Period-of-Record Phosphorus Retention in the Everglades Stormwater Treatment Areas – 1994 To 2016	**Session Two**

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24	Dr.	Xavier	Comas	Florida Atlantic University (FAU)	Boca Raton	FL	Exploring the Potential of Ground Penetrating Radar (GPR) For Delineating the Extent of Burned Peat Soils in Palangkaraya, Indonesia	**Session One**
14	Mr.	Jeremy	Conrad	USFWS	Sanibel	FL	Identifying the Effects of Eutrophication on Drivers of Elevation Change in Florida's Mangroves	**Session One**
31	Mr.	Paul	Conrads	U.S. Geological Survey	Columbia	SC	Application of the Coastal Salinity Index to Sites in Florida Bay and the Gulf Of Mexico	**Session One**
30	Mr.	Paul	Conrads	U.S. Geological Survey	Columbia	SC	Use of Everglades Depth Estimation Network (EDEN) to Develop Water-Level Gradients and Fluxes	**Session One**
32	Mr.	Paul	Conrads	U.S. Geological Survey	Columbia	SC	Using the Everglades Depth Estimation Network (EDEN) to Characterize Coastal Salinity Conditions	**Session One**
23	Ms.	Jessica	Dell	Florida Atlantic University (FAU)	Davie	FL	The Effects of Willow Encroachment on the Resilience of Peat Carbon Storage in an Herbaceous Wetland	**Session One**
35	Dr.	Tibebe	Dessalegne	South Florida Water Management District	West Palm Beach	FL	Future Rainfall Depth-Duration-Frequency Curve Estimates under Various Climate Change Scenarios	**Session One**
43	Mr.	Bobby	Duersch	Florida Atlantic University (FAU)	Boca Raton	FL	Phosphorous Speciation Using P31 Nuclear Magnetic Resonance Spectroscopy In Order To Trace Phosphorous Sources and Movement In The C51 Basin and Northern Everglades	**Session One**
67	Mr.	Cody	Eggenberger	Florida International University (FIU)	Miami	FL	Habitat Use of Key Recreational Fish Species in Altered Coastal Everglades Lakes	**Session Two**
51	Dr.	Edwin	Everham	Florida Gulf Coast University	Ft. Myers	FL	Measuring the Fate and Non-Target Impacts Of Dibrom Using Aerial Ultra-Low Volume (ULV) Spray Technology In Mangrove And Open Marsh Wetlands In South Florida	**Session Two**

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52	Dr.	Edwin	Everham	Florida Gulf Coast University	Ft. Myers	FL	State of Lake Trafford Following Restoration Dredging	**Session Two**
90	Mr.	Thomas	Faughnan	Florida Atlantic University (FAU)	Boca Raton	FL	Effects of Juvenile Alligators on Dry-Season Aquatic Fauna Concentration	**Session Two**
25	Dr.	Hilary	Flower	University of South Florida	Tampa	FL	Can The Everglades Survive Climate Change? Envisioning the Everglades under Climate Change and Sea Level Rise	**Session One**
74	Mr.	Zachary	Fratto	National Park Service	Key Largo	FL	Florida Bay Algal Bloom Dynamics	**Session Two**
53	Ms.	Ariel	Freidenreich	Florida International University (FIU)	Miami	FL	Effects of Prescribed Burn on Pine Rockland Soil Health and Plant Communities within FIU's Nature Preserve	**Session Two**
68	Ms.	Carissa	Gervasi	Florida International University (FIU)	Miami	FL	Detecting and Countering Fisheries-Induced Evolution Using Marine Protected Areas	**Session Two**
83	Mr.	Daniel	Hagood	Florida Atlantic University (FAU)	Davie	FL	Influence of Soil Disturbance and Fire on the Distribution of Caesar's Weed *(Urena lobata)* In Pine Flatwoods	**Session Two**
11	Ms.	Saira	Haider	U.S. Geological Survey	Davie	FL	Validation of Near-Term Everglades Water Depth Forecasts	**Session One**
78	Dr.	J. Matthew	Hoch	Nova Southeastern University	Fort Lauderdale	FL	Behavioral Response of Small Everglades Fish to Hydrological Variation, Predator Cues and Parasites	**Session Two**
92	Dr.	Margaret	Hunter	US Geological Survey	Gainesville	FL	Population Genetic Analysis of the Endangered Cape Sable Seaside Sparrow in Everglades National Park	**Session Two**
47	Mr.	Erik	Iverson	MacArthur Agro-ecology Research Center	Lake Placid	FL	The Influence of Native Tree Expansion on Ecosystem Services in the Headwaters of the Everglades	**Session One**
19	Ms.	Anupama	John	Florida International University (FIU)	Miami	FL	Laboratory Assessment of Hydraulic Properties of Heterogeneous Organic Soils in the Everglades	**Session One**

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64	Mr.	Paul	Julian	University of Florida	Lehigh Acres	FL	Key Factors Controlling Wetland Aquatic Productivity in the Everglades Stormwater Treatment Areas	**Session Two**
85	Mr.	Frank	Kahoun	Quest Ecology/ Antioch University New Hampshire	Tamarac	FL	Structural Microhabitat Utilization of the Invasive Cuban Brown Anole *(Anolis sagrei)* in a Naturalized Habitat of South Florida	**Session Two**
39	Mr.	Michael	Kiflai	Florida International University (FIU)	Miami	FL	Hydrogeophysical Characterization of Groundwater in the Mangrove Lakes Region of Everglades National Park	**Session One**
44	Mrs.	Kalindhi	Larios	University of Florida/IFAS, Soil and Water Sciences Department	Gainesville	FL	Sensitivity Analysis of Total Phosphorus in a Wetland Biogeochemical Model	**Session One**
48	Dr.	J William	Louda	Florida Atlantic University (FAU)	Boca Raton	FL	Conceptual SolarMarsh: Combined Stormwater Treatment Area and Electrical Generation	**Session One**
82	Mr.	Ian	Markovich	University of Florida/IFAS, Fort Lauderdale Research & Education Center	Davie	FL	Do Daylength and Desiccation Affect Sprouting of Crested Floatingheart Ramets?	**Session Two**
45	Dr.	Frank	Marshall	Cetacean Logic Foundation	New Smyrna Beach	FL	Interpreting Freshwater Paleoecological Studies to Better Understand the Impact of 20th Century Alterations on the Hydrology and Salinity In Everglades National Park	**Session One**
20	Mr.	Matthew	McClellan	Florida Atlantic University (FAU)	Boca Raton	FL	Spatial Variability in Production and Releases of Biogenic Gases from Two Subtropical Wetland Ecosystems in Central Florida Is Revealed Using Hydrogeophysical Methods	**Session One**
71	Ms.	Amanda	McDonald	South Florida Water Management District	West Palm Beach	FL	Drought Conditions Set up the 2015 Collapse of Florida Bay Seagrass	**Session Two**

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18	Dr.	Christopher	McVoy	Long Slough Research	Lake Worth	FL	A Research Platform in the Florida Everglades for Investigating the Interactions among Hydrology, Water Management and Organic Carbon Cycling	**Session One**
79	Ms.	Gaia	Meigs-Friend	US Geological Survey	Gainesville	FL	Environmental DNA (eDNA) Detection of Burmese Pythons in the Arm Loxahatchee National Wildlife Refuge and Southeast Florida Using State-of-the-Art Droplet Digital PCR	**Session Two**
89	Mr.	Steve	Mortellaro	US Fish and Wildlife Service	Vero Beach	FL	Effectiveness of Surveying for Eastern Indigo Snakes Using Artificial Covers	**Session Two**
91	Ms.	Jennifer	Nestler	U.S. Fish and Wildlife Service	Davie	FL	Variation in Body Condition of *Alligator Mississippiensis* in Florida	**Session Two**
27	Dr.	Danielle	Ogurcak	Florida International University (FIU)	Miami	FL	Stabilization of Everglades' Cultural Resource Sites with Integrated Ecosystem Restoration	**Session One**
65	Dr.	Todd	Osborne	University of Florida	St. Augustine	FL	Spatial Distributions of Soil Biogeochemical Properties in Stormwater Treatment Area 3/4 Cell 3A and 3B	**Session Two**
38	Dr.	Gina	Paduano Ralph	U.S. Army Corps of Engineers	Jacksonville	FL	Modified Water Deliveries to Everglades National Park: An Incremental Approach to Restoration	**Session One**
40	Mr.	Matthew	Petkewich	U.S. Geological Survey	Columbia	SC	Improving Dry-Season Water Surfaces by Using Below Ground Estimates for the Everglades Depth Estimation Network (EDEN)	**Session One**
61	Mr.	Matt	Powers	South Florida Water Management District	West Palm Beach	FL	Evaluation of Potential for Rooted Floating Aquatic Vegetation to Further Reduce Low-level Phosphorus Concentrations in the Everglades Stormwater Treatment Areas	**Session Two**
5	Ms.	Michelle	Prats	National Park Service	Palmetto Bay	FL	The Everglades National Park and Big Cypress National Preserve Vegetation Mapping Project: Region 2 – Taylor Slough	**Session One**

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76	Ms.	Kristen	Reaver	Cherokee Nations	Gainesville	FL	Trojan Y for Control of Non-Native Fishes: Moving from Theory to Practical Application	**Session Two**
55	Mr.	Dillon	Reio	Florida International University (FIU)	Miami	FL	Investigating the Effects of Land-Use Change on the Hydrologic Conditions of a Restored Agricultural Area in Everglades National Park	**Session Two**
3	Mrs.	Vanessa	Reyes	Florida International University (FIU)	Miami	FL	Seven Decades of Mangrove Expansion along Coastal Everglades: A Remote Sensing Approach	**Session One**
66	Ms.	Kaylee	Rice	University of Florida/IFAS, Soil and Water Sciences Department	Gainesville	FL	Vegetation Effects on Microbial Enzyme Activities in Soils of the Stormwater Treatment Areas	**Session Two**
15	Mr.	Andres	Rodriguez	University of Florida	Belle Glade	FL	Influence of Carbon Lability and Flooding Treatment in Potential Oxidation of Histosols in the Everglades Agricultural Area	**Session One**
96	Ms.	Mica	Rumbach	Audubon Florida	Naples	FL	Ecological Monitoring to Track Succession and Evaluate Performance of a Western Everglades Mitigation Bank	**Session Two**
58	Dr.	Darren	Rumbold	Florida Gulf Coast University	Ft. Myers	FL	A Formal Causal Analysis of Drivers Responsible for Geographic and Temporal Variability In Mercury Biomagnification across the Everglades	**Session Two**
80	Dr.	Pamela	Schofield	US Geological Survey	Gainesville	FL	Development of Environmental DNA Probe for Early Detection of Bullseye Snakehead *Channa Marulius*	**Session Two**
88	Mr.	Nicholas	Scobel	University of Florida/IFAS, Fort Lauderdale Research & Education Center	Davie	FL	Update on Trapping Nile Monitors *(Varanus Niloticus)* in Southeast Florida	**Session Two**
54	Ms.	Anne	Sexton	University of Florida	Belle Glade	FL	Floating Aquatic Vegetation Suppression Effects on Canal Sediment Properties in South Florida	**Session Two**

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37	Mr.	Michael	Simmons	U.S. Army Corps of Engineers	Jacksonville	FL	Restoring Pre-Development Hydrology in Biscayne Bay: The Recover Planning Process	**Session One**
22	Mr.	Matthew	Sirianni	Florida Atlantic University (FAU)	Boca Raton	FL	The Effect of Increased Fluid Conductivity in Peat Soils from the Everglades: Implications for Biogenic Gas Production and Release under a Sea Level Rise Scenario	**Session One**
87	Mr.	Brian	Smith	University of Florida/IFAS, Fort Lauderdale Research & Education Center	Davie	FL	Using GPS Biologging Technology to Track Movements of Invasive Burmese Pythons	**Session Two**
59	Mr.	Taylor	Smith	University of Florida/IFAS, Soil and Water Sciences Department	Gainesville	FL	Influence of Vegetation on Soil Phosphorus Forms in the Everglades Stormwater Treatment Areas (STA): STA-2 as a Case Example	**Session Two**
36	Dr.	Lawrence	Spencer	South Florida Water Management District	West Palm Beach	FL	Hydroperiod Analysis Toolsets: Innovative Tools to Build New Analyses	**Session One**
70	Ms.	Bethany	Stackhouse	U.S. Geological Survey	Reston	VA	Molluscan Response Due to 2015 Seagrass Die-Off in Western Florida Bay	**Session Two**
69	Dr.	David	Stormer	Florida International University (FIU)	Miami	FL	Effects of the Long-Term Marine Closure and Reopening of an Area of the Coastal Florida Everglades on Fishes and Recreational Fisheries	**Session Two**
72	Dr.	Theresa	Strazisar	Florida Atlantic University (FAU)	Boca Raton	FL	A Numerical Simulation Model of *Ruppia Maritima* (Wigeongrass) at the Everglades-Florida Bay Ecotone: Model Development and Assessment of Population Persistence	**Session Two**
12	Dr.	David	Sumner	USGS - CFWSC	Lutz	FL	Spatiotemporal Distribution of Solar Insolation in Florida	**Session One**

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7	Mr.	Kyle	Thayer	University of Florida/IFAS, Fort Lauderdale Research & Education Center	Davie	FL	Getting in Touch with Your Inner McGuyver: Lessons Learned from Field Research in Aquatic Ecosystems	**Session One**
81	Ms.	Amelia	Ulmer	U.S. Geological Survey WARC	Gainesville	FL	Testing Inhibitor Removal from Environmental DNA (eDNA) Samples for the Detection of Rare or Cryptic Species in the Greater Everglades Ecosystem	**Session Two**
34	Ms.	Kalli	Unthank	Florida International University (FIU)	Miami	FL	Influence of C-111 Spreader Canal on Groundwater Levels in the C-111 Basin and Taylor Slough Area, Miami-Dade County, Florida	**Session One**
26	Dr.	Craig	van der Heiden	Institute for Regional Conservation	Delray Beach	FL	Plant Community Changes Intermediate on the Halocline between Mangrove and Upland Habitat of the National Key Deer Refuge 1990-2013	**Session One**
29	Mr.	Joel	VanArman	self-employed	Lake Worth	FL	Fifteen Year Follow-up Survey to Assess the Progress of a Cypress-Pond Apple Tree Planting Project in the Loxahatchee National Wildlife Refuge, Boynton Beach, FL USA	**Session One**
62	Dr.	Lilit	Vardanyan	University of Florida/IFAS, Soil and Water Sciences Department	Gainesville	FL	Organic Phosphorus Forms in the Everglades Wetland Soils	**Session Two**
97	Dr.	Anna	Vecchione	Sea Life Conservation and Arts	Charleston	SC	Evaluation of Mercury and Toxic Metals Concentrations in Tissues of Ospreys Admitted at South Florida Wildlife Center	**Session Two**
46	Mrs.	Zoe	Verlaak	Florida International University (FIU)	Miami	FL	Influence of the Benthic Foraminiferal Biocoenosis on Fossil Assemblages in the Southwestern Everglades	**Session One**

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6	Dr.	John	Volin	University of Connecticut	Storrs	CT	Digital Visualization as a Tool to Bridge Science and Policy: Examining the Long-Term Effects of Phosphorus on the Everglades Ridge Slough Landscape	**Session One**
8	Mr.	Paul	Walansky	Stanley Consulting	West Palm Beach	FL	Using FLUCCS Codes and GIS Spatial Analyst Tools for Wetland Restoration	**Session One**
4	Dr.	Shimon	Wdowinski	Florida International University (FIU)	Miami	FL	Space-based Monitoring of Water Level Changes in the Entire Everglades using Sentinel-1 InSAR Observations	**Session One**
9	Mr.	William	Wright	Florida Atlantic University (FAU)	Boca Raton	FL	Time-Lapse Geophysical Measurements Targeting Spatial and Temporal Variability in Biogenic Gas Production from Everglades Peat Soils at the Loxahatchee Impoundment Landscape Assessment (LILA)	**Session One**
16	Mr.	Lu	Zhai	University of Miami	Coral Gables	FL	Quantifying Spatial Range of Sea Level Rise Impact on Vegetation Community: A Field and Model Combination Study Based on Carbon Stable Isotope	**Session One**
84	Prof.	Caiyun	Zhang	Florida Atlantic University (FAU)	Boca Raton	FL	Applying Time Series Landsat Data for Vegetation Change Analysis in the Florida Everglades Water Conservation Area 2A during 1996-2016	**Session Two**
21	Dr.	Xiaoyan	Zhu	Tropical Research and Education Center, University of Florida	Homestead	FL	Greenhouse Gas Emissions from the Herbaceous Peatland	**Session One**