

GEER 2017 POSTER DIRECTORY

As of 4/7/2017

(in alpha order by presenter last name)

Poster No.	Prefix	First Name	Last Name	Organization	City	ST	Abstract Title	Session No.
56	Mr.	Omar	Abdelrahman	Miami-Dade County Division of Environmental Resources Management	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, USA	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
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
93	Mrs.	Allison	Benscoter	U.S. Geological Survey	Fort Lauderdale	FL	Assessing the Role of Fire Disturbance in Maintaining Cape Sable Seaside Sparrow (<i>Ammodramus maritimus mirabilis</i>) Habitat Use	Session Two

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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 (<i>Crocodylus acutus</i>)	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, <i>Vallisneria americana</i> 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	U.S. Geological Survey	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
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

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14	Mr.	Jeremy	Conrad	U.S. Fish and Wildlife Service	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	Fort 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
52	Dr.	Edwin	Everham	Florida Gulf Coast University	Fort Myers	FL	State of Lake Trafford Following Restoration Dredging	Session Two

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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 (<i>Urena lobata</i>) 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	U.S. 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 (<i>Anolis sagrei</i>) 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	U.S. 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	U.S. 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 <i>Alligator mississippiensis</i> 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	Fort 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	U.S. Geological Survey	Gainesville	FL	Development of Environmental DNA Probe for Early Detection of Bullseye Snakehead <i>Channa marulius</i>	Session Two
88	Mr.	Nicholas	Scobel	University of Florida/IFAS, Fort Lauderdale Research & Education Center	Davie	FL	Update on Trapping Nile Monitors (<i>Varanus niloticus</i>) 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 <i>Ruppia maritima</i> (Wigeongrass) at the Everglades-Florida Bay Ecotone: Model Development and Assessment of Population Persistence	Session Two
12	Dr.	David	Sumner	U.S. Geological Survey Caribbean-Florida Water Science Center	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 Wetland and Aquatic Research Center	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	University of Florida Tropical Research and Education Center	Homestead	FL	Greenhouse Gas Emissions from the Herbaceous Peatland	Session One