

GEER 2019 Poster Directory

As of: 4/19/2019

Poster No.	First Name	Last Name	Organization	City	ST	Abstract Title	Poster Session
63	Gordon	Anderson	U. S. Geological Survey	Gainesville	FL	Drought, Winter Rains and Hurricanes: Hydrologic Observations From 2014-2017 of the Eastern Panhandle Coastal Marsh and Northeast Florida Bay, Everglades National Park, FL, USA	Session Two
75	Caitlin	Beaver	U. S. Geological Survey	Gainesville	FL	Microsatellite Analysis of the Endangered Cape Sable Seaside Sparrow in Everglades National Park	Session Two
82	Allison	Benscoter	U. S. Geological Survey	Fort Lauderdale	FL	Modeling Future Urbanization and Sea-Level Rise Effects on Landscape-Scale Conservation Targets	Session Two
19	Sarah	Bergstresser	U. S. Geological Survey	Reston	VA	Geospatial Analysis to Detect Changes of Florida Bay Islands Due to Hurricane Irma	Session One
88	Himadri	Biswas	Florida International University	Miami	FL	Mangrove Crown Detection from High Resolution Aerial Photography Using Vegetation Indices and Image Segmentation Technique	Session Two
64	Troy	Bole	Florida Atlantic University	Boca Raton	FL	Structural Changes in Peat Soil Layering Dictate the Vertical Distribution and Dynamics of Biogenic Gases	Session Two
49	Vanessa	Booher	Conservancy of Southwest Florida	Naples	FL	Fruit Farm Creek Restoration Project Past, Present & Future	Session Two
81	Matthew	Boone	University of Florida	Broward	FL	Evaluation of Citizen Science Data for Biodiversity Research in the Greater Everglades	Session Two
21	Mason	Bradbury	Florida International University	Miami	FL	Landscape Change in the Biscayne Bay Area from the Mid-1800s to the Present	Session One
11	Nicholas	Castillo	Florida International University	Miami	FL	Examining the Threat of Contaminants to South Florida Bonefish: A Spatial Approach	Session One

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48	David W	Ceilley	Johnson Engineering Inc.	Fort Myers	FL	<i>Vallisneria Americana</i> Restoration in the Caloosahatchee River & Estuary: Building Coastal Resiliency Through Partnerships, Applied Research & Adaptive Management	Session Two
14	Seemanti	Chakrabarti	University of Florida	Davie	FL	Cultivation of the Most Abundant Bacteria from the Freshwater Marshes of the Everglades and their Metabolic Response to Saltwater Intrusion	Session One
17	Selena	Chavez	Florida International University	Miami	FL	Determining Coarse Woody Debris in Mangrove Forest of the Florida Everglades After Hurricane Irma Using Airborne Lidar Imagery	Session One
54	Zhiqiang	Chen	SFWMD	West Palm Beach	FL	Characteristics of Dissolved Oxygen and Hypoxia in the St. Lucie Estuary, Florida: Effects Of Freshwater Inflow and Chlorophyll A	Session Two
68	Phoebe	Clark	Florida Gulf Coast University	Fort Myers	FL	Monitoring Success of the Picayune Strand Restoration Project (PSRP)	Session Two
39	Natalie	Claunch	University of Florida	Gainesville	FL	A Case for Physiological Metrics in the Management and Prevention of Reptile Invasions	Session One
33	Jenna	Cole	University of Florida	Davie	FL	Removal of Argentine Black and White Tegus and Response to Trapping Efforts	Session One
35	Justin	Dalaba	University of Florida	Davie	FL	Evaluating Effectiveness of Targeted Outreach for Invasive Reptiles in South Florida	Session One
66	Robert	Dalton	Southern Methodist University	Maitland	FL	Changing Tides: Phosphate Desorption from Calcite in Freshwater-Seawater Mixing Zones	Session Two
62	Branden	Davis	Miccosukee Tribe of Indians of Florida	Miami	FL	An Investigation Into LED Technology for Insect Surveys	Session Two

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16	Gianna	Diaz	Florida Gulf Coast University	Fort Myers	FL	Hurricane Impacts to Mangrove Forests on the Southwest Coast of Florida	Session One
46	Jacob	Dombrowski	South Florida Water Management District	West Palm Beach	FL	Evaluating the Physical Chemistry of Everglades Stormwater Treatment Areas at High Temporal Resolution	Session Two
74	Nathan	Dorn	Florida Atlantic University	Davie	FL	Feeding on the Edge: Foraging White Ibis (<i>Eudocimus albus</i>) Target Inter-Habitat Prey Movements	Session Two
59	Bobby	Duersch	Florida Atlantic University	Boca Raton	FL	Investigation of the Removal of Phosphorus Species and Other Nutrients In the Storm-Water Treatment Area (1E)	Session Two
60	Bobby	Duersch	Florida Atlantic University	Boca Raton	FL	Speciation and Dynamics of Phosphorus: The Role of Rice Plants in Sequestering Phosphorus Compounds	Session Two
85	Gretchen	Ehlinger	US Army Corps of Engineers	Jacksonville	FL	2012-2017 Recover Everglades Report Card	Session Two
26	Jason	Ferrante	Cherokee Nation Tech./ U.S. Geological Survey	Gainesville	FL	Using eDNA as an Early Detector for Burmese Python Presence in the ARM Loxahatchee National Wildlife Refuge in the Greater Everglades Ecosystem	Session One
76	Kenton	Finkbeiner	Miccosukee Tribe of Indians of Florida	Homestead	FL	Tribal Aquaculture Used to Bolster Florida Apple Snail (<i>Pomacea padulosa</i>) Food Source Populations for the Everglades Snail Kite (<i>Rostrhamus sociabilis plumbeus</i>)	Session Two
65	Hilary	Flower	Eckerd College	St Petersburg	FL	Saltwater Intrusion Releases Phosphorus: Insights from Experiments Using Everglades Bedrock	Session Two
53	Zachary	Fratto	National Park Service	Key Largo	FL	Cyclic and Persistent Florida Bay Algal Blooms	Session Two
80	Delaney	Frazier	Florida Atlantic University	Boynton Beach	FL	Comparing Overwintering Population Dynamics of Snook in St. Lucie and Loxahatchee Rivers	Session Two

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36	Emily	Gati	University of Florida	Davie	FL	Nile Monitors in the C-51 Basin: Is Containment or Eradication Feasible?	Session One
12	John	Gatto	Florida International University	North Miami	FL	Evaluating Otolith Microchemistry for Tracking Phosphorus Experienced By Everglades Fish	Session One
51	Carissa	Gervasi	Florida International University	Miami	FL	Fish Communities in the Crocodile Sanctuary: Effects of the Closure & Opening of Joe Bay	Session Two
79	Avishka	Godahewa	University of Florida	Davie	FL	Have You Seen A Skinny Alligator In South Florida?	Session Two
38	Sidney	Godfrey	University of Florida	Fort Lauderdale	FL	Spectacled Caiman (<i>Caiman crocodilus</i>) Removal in Southern Florida	Session One
32	Andrew	Gritzmaker	Broward College	Davie	FL	Invasive Tegus Introduced an Exotic Hookworm to Florida	Session One
1	Saira	Haider	U.S. Geological Survey	Davie	FL	Increasing Accessibility of the Everglades Depth Estimation Network (EDEN)	Session One
77	Chris	Hansen	Florida Atlantic University	West Palm Beach	FL	Effects of Returning Flow to the Florida Everglades on the Macroinvertebrate Community	Session Two
30	Kodiak	Hengstebeck	University of Florida	Gainesville	FL	Burrow Use and Selection by Invasive Burmese Pythons in Florida	Session One
86	Kristen	Hoefke	U.S. Geological Survey	Reston	VA	Developing Reference Values for Paleoecological Interpretation of Florida Bay: Analysis of Stable Carbon and Nitrogen Isotope and Elemental Values of Plants and Algae	Session Two
57	W. Ryan	James	University of Louisiana Lafayette	Lafayette	LA	Consumer-Specific Energetic Landscapes in Florida Bay: Linking Seagrass Die Off to Economically-Valuable Fisheries	Session Two

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15	Christopher	Johnson	Florida Atlantic University	Boca Raton	FL	Hypersalinity as a Trigger of Seagrass (<i>Thalassia testudinum</i>) Die-Off Events in Florida Bay: Evidence Based on Leaf and Meristem O2 and H2S Dynamics	Session One
29	Jillian	Josimovich	U.S. Geological Survey	Homestead	FL	Characterization of Burmese Python Hatchling Growth in Captivity	Session One
73	Elizabeth	Lago	Florida Atlantic University	Davie	FL	Habitat Use and Foraging Flights of Roseate Spoonbills in Florida Bay	Session Two
34	Brittany	Mason	University of Florida	Davie	FL	Stopping the Spread: Predicting Movement Corridors of Invasive Argentine Black and White Tegus	Session One
67	Eric	Massa	Florida International University	Miami	FL	Effects of Phosphorus on Diatom Assemblage Networks	Session Two
9	Scott	McBride	U.S. Geological Survey	Lutz	FL	Relations of Total Phosphorus and Orthophosphorus Concentrations with Rainfall, Surface-Water Discharge and Water-Quality Parameters in Big Cypress Seminole Indian Reservation, Florida, 2014–16	Session One
22	Erin	McCarthy	Florida International University	Miami	FL	Assessing Fish Movement Through Time in Everglades National Park Using Drift Fences	Session One
40	Gaia	Meigs-Friend	U.S. Geological Survey	Gainesville	FL	Detection of Non-Native Bullseye Snakehead, <i>Channa marulius</i> , In South Florida Using Environmental DNA	Session One
5	Ximena	Mesa	Florida International University	Miami	FL	Mapping Tree Island Vegetation in the Water Conservation Area 3B Using WorldView2 and LIDAR Data	Session One
27	Melissa	Miller	Florida Fish and Wildlife Conservation Commission	Davie	FL	A Multifaceted Approach for Management of Invasive Burmese Pythons	Session One

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28	Melissa	Miller	Florida Fish and Wildlife Conservation Commission	Davie	FL	Highly Competent Native Snake Hosts Extend the Range of Introduced Parasite Beyond Invasive Burmese Python Host	Session One
13	Kiersten	Monahan	Nova Southeastern University	Fort Lauderdale	FL	Rate of Orthophosphate Uptake by Periphyton in the Everglades	Session One
41	Tadeo	Monterrubio	Miccosukee tribe of Indians of Florida	Miami	FL	Succession of Plant Species Following Invasive Brazilian Pepper (<i>S. Terebinthifolius</i>) Removal	Session One
45	Elise	Morrison	University of Florida	Gainesville	FL	Application of Chemical Biomarkers in Stormwater Treatment Areas	Session Two
31	James	Nifong	US Army Engineer Research and Development Center	Vicksburg	MS	Developing Rapid Response Tools, Control Measures, and Refining Invasibility Models for Invasive Pythons in The Florida Everglades	Session One
71	Giovanna	Ortiz	Broward College	Davie	FL	Year One of an Arthropod Biodiversity Survey of Fern Forest Nature Center, A Unique Habitat of the Greater Everglades Ecosystem	Session Two
52	Melinda	Paduani	Florida International University	Miami	FL	Plastic Sinks or Sources: Characterizing Cycling of Marine Debris on Mangrove Shorelines in Biscayne Bay	Session Two
69	Yunelis	Perez	Miccosukee Tribe of Indians of Florida	Miami	FL	Floristic Inventory of the Miccosukee Indian Reservation Areas	Session Two
20	Matthew	Petkewich	U.S. Geological Survey	Columbia	SC	Coastal Salinity Index Dissemination for Monitoring Drought Along The Gulf Of Mexico and The Southeastern Atlantic Coast, 1983 to 2018	Session One
2	Nicole	Pinson	UF/IFAS Extension Hillsborough County	Seffner	FL	New Outcomes of Environmental Volunteer Programs	Session One
23	Carlos	Pulido	SERC	miami	FL	Distribution of Woody Vegetation in the Short-Hydroperiod Marl Prairie Grasslands	Session One
83	Laura	Reynolds	Conservation Concepts LLC	West Palm Beach	FL	Future Impacts on Biscayne Bay of Extended Operation of Turkey Point Cooling Canals	Session Two

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4	Jonathan	Rodemann	Florida International University	Miami	FL	Disturbance-Driven Seascapes Change in Florida Bay: A Remote Sensing Approach	Session One
84	Carmen	Rodriguez	FAU- Pine Jog EE center	West Palm Beach	FL	Partnering with PreK-12 STEM Education to Propagate, Track Establishment and Monitor Survivorship of Native Plants in Florida	Session Two
3	Pablo	Ruiz	National Park Service	Palmetto Bay	FL	The Everglades National Park and Big Cypress National Preserve Vegetation Mapping Project	Session One
6	Josue	Sandoval	Florida International University	Miami	FL	Increased Tree Mortality Within Tree Islands Post-Hurricane Disturbance	Session One
47	Fabiola	Santamaria	South Florida Water Management District	West Palm Beach	FL	Landscape Budget Models of Water, Sediment, and Sediment-P Across The L67C Canal-Backfill Treatment Areas	Session Two
37	Nathan	Schwartz	University of Florida	Davie	FL	Modeling Green Iguana Populations Before And After Removals	Session One
70	David	Serrano	Broward College	Davie	FL	Establishment of the Broward College Herbarium: Mission Goals & Timeline	Session Two
78	Dilip	Shinde	Everglades National Park	Homestead	FL	Modeling of Alligator Nest Sighting for Resource Management in Everglades National Park	Session Two
55	Bethany	Stackhouse	U.S. Geological Survey	Reston	VA	Molluscan and Seagrass Response Post 2015 Die-off Event in Florida Bay	Session Two
58	Ulrich	Stingl	University of Florida,FLREC	Davie	FL	Re-Modelling of Foliar Lipids in <i>Thalassia testudinum</i> (Turtlegrass) Allows For Growth in Phosphorous Deplete Conditions	Session Two
7	Georgio	Tachiev	GIT CONSULTING LLC	Coconut Grove	FL	M3ENP_SF - An Integrated Surface and Subsurface Hydrologic and Hydrodynamic Model of The Everglades National Park	Session One
8	Georgio	Tachiev	GIT CONSULTING LLC	Coconut Grove	FL	M3ENP Model of Flow and Transport in The Everglades National Park	Session One

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56	Kelly	Ugarelli	University of Florida	Davie	FL	The Microbial Communities of Leaves and Roots Associated with Turtle Grass and Manatee Grass Differ From Seawater and Sediment Communities, but are Similar Between Species	Session Two
10	Lilit	Vardanyan	University of Florida	Gainesville	FL	Influence of Vegetation on Organic Phosphorus Forms in Wetland Soils	Session One
61	Mackenzie	Vecchio	Florida Atlantic University	Davie	FL	Non-Invasive Investigation of the Internal Structure of Tree Trunks Using High-Resolution Ground Penetrating Radar (GPR) Measurements	Session Two
50	Natasha	Viadero	Florida International University	Miami	FL	Bass in the Coast: Patterns of Seasonal Habitat Use By Florida Largemouth Bass in the Upper Shark River, Everglades National Park	Session Two
87	Rosario	Vidales	Florida International University	Homestead	FL	Quantifying Intraspecific Variation of Red Mangrove Leaf Traits in the Southeast Saline Everglades	Session Two
42	Kathy	Worley	Conservancy of Southwest Florida	Naples	FL	Invasive Non-Native Species May Confound Bio-Indicator Evaluations in the Picayune Strand Restoration Project Area	Session One
18	Boya	Zhang	Florida International University	Miami	FL	Space-Based Monitoring of Temporal Water Level Variations in the South Florida Everglades Ecosystem Using Sentinel-1 SAR Observations	Session One