

BIOGEO 2025 Poster Directory

As of: 1/24/2025

First Name	Last Name	Organization	City	ST	Country	Abstract Title	Format
Eloho	Aghworo	Lousiana State University	Baton Rouge	LA	United States	Does Climate-induced Black Mangrove Replacement of Spartina Change Wetland Soil Carbon Dynamics?	Poster
Mysha	Ahmed	Louisiana State University Agricultural Center	Baton Rouge	LA	United States	Evaluating the Impact of Urban and Agricultural Runoff Mitigation Utilizing Waste Valorization for Nutrient Absorption	Poster
Cadie	Barnes	University of Central Florida	Orlando	FL	United States	Biogeochemical Impacts of Basalt Fiber Bags on Estuarine Sediment Microbial Activity	Poster
Sydney	Bufkin	ERDC- USACE	Vicksburg	MS	United States	Carbon Sequestration in Wetlands on Military Installations: Assessing Soil Carbon Storage Potential	Poster
Flavia	Byekwaso	University of Natural Resources and Life sciences	Vienna	Wien	Austria	Natural Riverine Wetlands in the Tropics as Nature-Based Solutions in Removing Pollutants from Stormwater and Wastewater Discharges in Urban Environments	Poster
Ankita	Datta	University of Florida	Gainesville	FL	United States	Long-Term Nutrient Accretion Rates in the Everglades Stormwater Treatment Areas (STAs)	Poster
Frank	Driscoll	University of Southern Mississippi	Ocean Springs	MS	United States	Porewater Salinity Response to Acute and Chronic Climate Disturbances Across Six Basins in Coastal Louisiana	Poster
Noah	Flaherty	Louisiana State Univeristy	Rome	GA	United States	Marsh salinity and Water Level Dynamics Between the Mississippi River Levee System and Adjacent Coastal Marshes	Poster
Kayla	Garcia	Marine Biological Laboratory	Woods Hole	MA	United States	Sea Level Rise Alters Salt Marshes' Carbon Storage Capacity	Poster
Elizabeth	Herndon	Oak Ridge National Laboratory	Oak Ridge	TN	United States	Redox Biogeochemistry at High Temporal Resolution in a Freshwater Delta	Poster
Jing	Hu	University of Central Florida	Orlando	FL	United States	An Analysis of Long-Term Everglades Stormwater Treatment Areas Performance Using Structural Equation Models	Poster
Riley	Jenkins	Louisiana State University	Baton Rouge	LA	United States	Comparing Nitrate Removal Rates in Natural and Dredge Material Created Wetlands	Poster

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Jason	Martina	Texas State University	San Marcos	TX	United States	Extreme Changes in Water Level and Nutrient Loading Can Shift Freshwater Coastal Wetlands from Nutrient Sinks to Sources	Poster
Lidia	Molina Serpas	University of Alabama	Tuscaloosa	AL	United States	Nitrogen Mineralization Rates Vary Along a Hydrologic Connectivity Gradient	Poster
Rica	Monis	University of Washington	Seattle	WA	United States	Assessing the Seaweed Ulva's Carbon, Nutrient, and Contaminant Profiles as a Potential Agricultural Soil Amendment	Poster
Grace	Orjinwoke	Florida Agricultural and Mechanical University	Tallahassee	FL	United States	Long Leaf Pine Needle Decomposition: Carbon Composition, Thermal Stability and Nutrient Release Post Hurricane	Poster
Avalon	Ramsey	University of Central Florida	Orlando	FL	United States	Microplastics Abundance and Nitrogen and Phosphorus Concentrations Correlation in Man-made vs. Natural Freshwater Systems	Poster
Elaine	Rice	University of Alabama	Northport	AL	United States	Inundation Regimes Impact on Leaf Litter Decay Rate in Forested, Freshwater Wetlands	Poster
Holly	Roth	Oak Ridge National Laboratory	Oak Ridge	TN	United States	Influence of Redox Processes on Phosphorus Storage, Transformation, and Mobilization	Poster
Simone	Schuster	Florida State University	Tallahassee	FL	United States	Comparison of Soil Total Nitrogen Stocks and Burial Rates in Natural and Restored Mangrove Forests of Southwest Florida	Poster
Christopher	Smith	US Geological Survey	St Petersburg	FL	United States	Examining How Tempo-Spatial Variability of Coastal Groundwater Influence Subterranean Estuaries along West-Central Florida	Poster
Havalend	Steinmuller	Louisiana Universities Marine Consortium	Chauvin	LA	United States	"Going Local": Addressing Heterogeneity in Carbon Cycling in Mangrove Systems Through Sedimentary Setting and Geomorphology	Poster
Jose	Tercero	Louisiana State University	Baton Rouge	LA	United States	Assessment of Interannual and Seasonal Variation of Soil Greenhouse Gas Fluxes along a Salinity Gradient in Coastal Deltaic Floodplain in Louisiana	Poster

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S.M. Mahatab	Uddin	DOCS-LSU	Baton Rouge	LA	United States	Scrub and Fringe Mangrove Wetlands Leaf Productivity and Expansion are Controlled by Air Temperature, Phosphorus Availability, and Salinity in Port Fourchon, Louisiana, USA.	Poster
Shristi	Upadhyaya	Louisiana State University Agricultural Center	Baton Rouge	LA	United States	Investigating the Fate of Phosphorous from Urban Effluent in Environmental Systems	Poster
George	Vetushko	University of California, Los Angeles	Los Angeles	CA	United States	Does Agricultural Runoff Influence Anaerobic Methanotrophy in a Southern Californian Wetland?	Poster
Nicholas	Wagner	Louisiana State University Agricultural Center	Baton Rouge	LA	United States	Spatial Evaluation of Water Quality Parameters to Optimize Nutrients and Dissolved Oxygen for Crawfish Ponds	Poster