

Plenary Presenter

JEREMY STALKER, Ph.D.



Jeremy Stalker, Ph. D. is an associate professor at Jacksonville University's Marine Science and Research Institute. He earned a B.S. in geological science at Michigan State University, a M.S. in geophysics at the University of Montana, and Ph. D. at Florida International University in geochemistry. Dr. Stalker's primary research interests are in hydrologic processes at terrestrial ocean margins and issues of water scarcity and forensics.

Panel Moderators

MIKE BURESH



Mike Buresh is chief meteorologist at Action News Jax. Shortly after graduating, Mike earned the American Meteorological Society's "Seal of Approval" and has also achieved his Certification for Broadcast Meteorologist which certifies that Mike meets specific educational and experience criteria and has passed rigorous testing in his knowledge and communication of meteorology and related sciences needed to be an effective broadcast meteorologist.

LAUREN RAUTENKRANZ



Lauren Rautenkranz is the evening weekend meteorologist on First Coast News. Lauren holds a master of Science in Applied Meteorology from Mississippi State University. She is a proud alumna of the University of Florida where she graduated from the College of Journalism and Communications. She holds a Bachelor of Science in Telecommunications News with a concentration in Meteorology, plus minors in Geography and Communications Studies.

State of the Reserve

"The Art of Science in Our Community"



RESEARCH RESERVE
**PLENARY & PANEL
SESSION**

FEBRUARY 23, 2018



Don Resio, Ph.D.

Dr. Don Resio has been the Director of the Taylor Engineering Research Institute at UNF since 2011, after retiring from his position as Senior Technologist for the Army Corps of Engineers in 2012. He has been a leader in meteorological and oceanographic research for over 40 years, leading many efforts that have contributed significantly to improving the predictive state of the art for winds, waves, currents, surges, and coastal evolution due to storms, along with improved methods for the quantification of risk which incorporate aleatory and epistemic uncertainty into a consistent physical framework for coastal hazards.



Courtney Hackney, Ph.D.

Dr. Courtney Hackney has recently retired from the University of North Florida where he was awarded Emeritus status after serving as the Director of Coastal Biology since 2008. During his career he published over 60 scientific papers and books on a variety of subjects most on tidal marsh ecosystems or wetlands. He is a past president of the Society of Wetland Scientists. His service to the public includes appointments by three North Carolina governors to the Coastal Resources Council, including a term as Chairman and two appointments to the Environmental Advisory Board of the Chief of the Corps of Engineers by President George Bush.



Tim Telfer

Tim Telfer is the Public Lands and Natural Resources Manager for Flagler County. Tim has worked for Flagler County for 15 years and currently oversees the County's 10,000 acres of natural areas. Additionally, Tim has staffed the County's Environmentally Sensitive Lands programs have been involved in dozens of full and less than free real estate transactions. During emergencies he serves in the County's Emergency Operations Center in drafting the situational reports and post storm assessment and response. Tim also serves as a citizen representative to GTMNERR Management Advisory Group.



Jessica Beach, P.E.

Jessica Beach is a Professional Engineer who recently joined the City of St. Augustine's Public Works Department, where she oversees the City's Stormwater Program. Her background is in Environmental Engineering where she earned a Bachelor of Science and master's in engineering in Environmental Engineering from the University of Florida. Before joining the City of St. Augustine, she worked for the St. Johns River Water Management District for twelve years in their Regulatory Program.



Doug Davis

Douglas Davis serves as President and CEO for Fletcher Davis, a development company that integrates environmental and conservation-based planning/development techniques into its residential and business communities. Doug has over 25 years of experience in the real estate industry and is passionate about "designing and developing alongside of nature". His unique skill set includes a comprehensive understanding of site acquisition, community planning, design construction and management.



Nikki Dix, Ph.D.

Dr. Nikki Dix is the Research Director at the GTM Research Reserve. As Research Director at the GTM Research Reserve, Nikki establishes research priorities and oversees monitoring programs in the context of regional, state, and national objectives. Currently, most of the research efforts are focused on monitoring abiotic parameters within the Reserve to understand how the ecosystem changes with respect to natural and anthropogenic influences. Nikki also facilitates the research activities of visiting investigators and works to develop collaborations between, scientists, managers, educators, and the public.



Bill Dally, Ph.D.

Dr. Bill Dally has been a practicing coastal engineer for nearly 35 years. In addition to work with the U.S. Army Corps of Engineers early in his career, he was a member of the faculty at the Florida Institute of Technology for eleven years before starting his own company, Surfbreak Engineering Sciences, Inc. After a short tenure as a Project Director with the Port and Coastal Engineering Practice at Atkins North America, he returned to academia and is now an Associate Professor of Civil and Coastal Engineering at the University of North Florida here in Jacksonville.



Todd Osborne, Ph.D.

Dr. Todd Z. Osborne is an Assistant Professor of Biogeochemistry at the University of Florida's Whitney Laboratory for Marine Bioscience in Marineland, FL. Dr. Osborne maintains a diverse research program focusing on biogeochemical cycling of ecologically important elements (carbon, nitrogen, phosphorus) in soil and water in coastal and freshwater wetlands. His laboratory, the Estuarine Ecosystems Laboratory is highly engaged in climate change research with a focus on the effects of stressors such sea level rise, increased hurricane frequency, and rising temperatures on coastal wetland form and function.



Jeff Alexander

Jeffrey Alexander, Deputy Director of St. Johns County Emergency Management, has been with the county since 2014. For the preceding twenty seven years he served as part of the Northeast Florida Regional Council. Since the tragic events of September 11, 2001, he has immersed himself in making a difference in the communities he serves through emergency planning, training and prevention. Alexander has played key roles in a number of high profile initiatives, including the management of forty-three statewide terrorism planning and training programs through coordination of 11 regional agencies.



Ryan Carter

Ryan Carter, Principal of Carter Environmental Services, has 20 years experience as an environmental consultant and 5 years experience with Carter Environmental Services. As Principal, his responsibilities include all aspects of environmental constraints faced by development of all sizes and assisting in attainment of necessary permits for impacting wetlands and protected species. He holds a degree in Natural Resources and Conservation from UF, is a Florida Fish and Wildlife Conservation Commission Authorized Gopher Tortoise Agent, and a Professional Wetland Scientist. He's also the past president of the St. Augustine Sunrise Rotary Club and the St. Johns Chamber of Commerce's Agricultural and Environmental Council.



Scott Eastman

Scott Eastman is the Manager of the Northeast Florida Aquatic Preserves and serves as the Stewardship Coordinator for the GTM Research Reserve. Some of Scott's recent work was with the Ocean Conservancy where he assisted in a comprehensive assessment and inventory of the environmental monitoring programs throughout the northern Gulf of Mexico, to help determine which programs might serve as the basis for a long-term monitoring program for the natural resources injured as a result of the Deepwater Horizon oil spill. He also assisted in the development of a spatially-based cumulative impact score of the threats across the Gulf of Mexico for threatened and endangered sea turtle species.