

Department of Environmental Science and Policy Seminar Series

The Application of Underwater Archaeology Within Resource Management and Environmental Policy: 2021 Ocean Exploration and Compliance Fieldwork Frederick Hanselmann

University of Miami

DATE: Friday, 09/24/2021 **Time:** 10:30 am **Location:** SLAB 103

Zoom: <https://bit.ly/3ntliZi>



Abstract: During the summer of 2021, RSMAS faculty, students, and staff co-directed and participated in four multi-disciplinary, collaborative projects that fall under this rubric. Two of the projects took place in the Florida Keys National Marine Sanctuary, the recently formalized Wisconsin Shipwreck Coast National Marine Sanctuary, and the proposed Lake Ontario National Marine Sanctuary with funding from NOAA's Office of Ocean Exploration and Research. The other two projects took place offshore from Massachusetts and Rhode Island in the Atlantic Ocean and Louisiana in the Gulf of Mexico with funding from the Bureau of Ocean Energy Management and with the collaboration of Cardinal Point Captains and the Bureau of Safety and Environmental Enforcement. Even though these projects focused on management and policy, diving adventures still abounded, from cold, dark, and deep rebreather dives to shallow water hydro-probing and full-face mask communications to 3D photogrammetric modeling of shipwrecks.

Bio: Dr. Frederick H. Hanselmann is an underwater archaeologist and Lecturer in the Department of Environmental Science and Policy and part of the Exploration Sciences Program at the Rosenstiel School of Marine and Atmospheric Sciences at the University of Miami, where he directs the Underwater Archaeology Program and the Scientific Diving and Boating Program. Having worked on underwater sites from a wide variety of time periods, his exploration and research ranges from submerged prehistoric deposits in springs and caves to historic shipwrecks in Latin America, the Caribbean, and North America. He is a cave and technical diver, a certified scuba instructor, a Nautical Archaeology Society Tutor, and a Fellow of the Explorer's Club. He is also a Fellow of the Meadows Center for Water and the Environment at Texas State University. He has been widely featured in global print and electronic media, including documentaries, films, and programs with the National Geographic Channel, the Sundance Film Festival, the Sundance Channel, South By Southwest Film Festival, and the Travel Channel among others.

