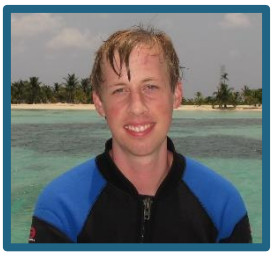
Technology used to study oil spills, Part 2
Speaker Bios

Guillaume Novelli is an assistant scientist at University of Miami-Rosenstiel School of Marine and Atmospheric Science.Before coming to Miami, I got a PhD in Chemical Engineering and Environmental Processes from the University Rovira i Virgili (Tarragona, Spain) on the topic of *Numerical Simulation of Oil Spills in Coastal Areas*. As a member of the CARTHE consortium his research is focused on understanding how hydrocarbons released at the bottom of the ocean will rise and mix in the water column, and how ocean currents, winds, and waves, will transport these pollutants thousands of kilometers from the source to remote coastlines and sensitive areas.



Adam Greer is an Assistant Research Professor in the Division of Marine Science at the University of Southern Mississippi working for the CONCORDE consortium. He received a BA (Ecology, Evolution, and Organismal Biology, 2007) from Vanderbilt University, a PhD degree (Marine Biology and Fisheries, 2013) from the University of Miami, and further postdoctoral training at the University of Georgia and USM. His research interests include zooplankton and larval fish ecology, planktonic food webs, plankton patch dynamics, and biological sampling technology, particularly imaging systems and acoustics.

Samira Daneshgar-Asl holds a B.S. degree in Geomatics Engineering, M.S. degree in Photogrammetry Engineering, and Ph.D. in Physical Oceanography. She is currently a Postdoctoral Scholar in the Department of Geography at the University of California Santa Barbara, where she develops a semi-automated algorithm to classify supraglacial hydrologic features on Arctic glaciers using high-resolution WorldView satellite imagery. During the past seven years at Florida State University, Dr. Daneshgar-Asl's main research was focused on analyzing satellite images and modeling the movement and fate of natural and unnatural oil slicks in the Gulf of Mexico as a function of air-sea interaction.

Oscar Garcia-Pineda is the director of the environmental consulting firm, WaterMapping and has worked with Dr. Ian McDonald at Florida State University's Coastal Marine Laboratory. As part of the GoMRI consortia DEEP-C and ECOGIG I and II, his work involves using different types of technology from satellites to drones to help detect and determine the path of oil on the ocean's surface. His firm provides services in the areas of GIS and remote sensing, deep-water geophysical exploration of energy resources, assessment and monitoring of the coastal and marine environments.

OIL SPILL SCIENCE

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Kevin Hoskins is the Vice President of Telecom & Information Systems for the Marine Spill Response Corporation (MSRC), the largest dedicated oil spill and emergency response organization in the nation. He has spent the last twenty-seven years building and refining MSRC's Telecom and Information Systems infrastructure and more recently was appointed the program manager of MSRC's Surveillance and Remote Sensing Services (SRS). Prior to his employment at MSRC Mr. Hoskins completed various assignments in the United States Air Force including 5 years as a member of the White House Communications Agency providing telecommunications support for the President, Vice President, First Lady, and Secret Service.

Dr. Brian Gullett is a Scientific and Technical Professional (ST level), Senior Research Engineer with the Environmental Protection Agency's Office of Research and Development (ORD), located in Research Triangle Park, North Carolina. He has served as the Acting Division Director for the Air and Energy Management Division, as an Embassy Science Fellow with the Department of State in Stockholm, Sweden and has been a Visiting Scientist for one year with U.S. Navy's Naval Surface Warfare Center in Annapolis, Maryland. He is the author of over 150 peer reviewed journal articles, holds four U.S. patents, and has received over 20 EPA Scientific and Technological Achievement Awards. He has a Ph.D. in Environmental Engineering and a Master's of Engineering Management both from Duke University.

Brooke Jones received her PhD from USM at Stennis Space Center where she is currently a postdoctoral research associate. She is the project lead for the Dynamic Anomaly Project at USM's Ocean Weather Lab, and is a member of the CONCORDE research consortium. Her research focuses on biogeochemical impacts of land-ocean interactions and the development of novel marine surface products derived from satellite observations and ocean model estimates. Her previous projects have included the off-shelf transport of Mississippi River plume filaments, dipole eddy interactions, and hypoxia/anoxia modeling in Chesapeake Bay.

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