Technology Used to Study Oil Spills, Part 2
August 29, 2018 | 9:00 am CST
University of Southern Mississippi | Marine Education Center
101 Sweetbay Drive, Ocean Springs, MS 39564

Agenda

9:00 – 9:15 am  Registration

9:15 – 9:30 am  Welcome & Introductions

9:30 – 9:50 am  Drifters used to study ocean currents and pollutant transport (remotely)
Guillaume Novelli, University of Miami – Rosenstiel School of Marine and Atmospheric Science

9:50 – 10:10 am  Imaging plankton to understand Gulf of Mexico ecology and potential interactions with oil
Adam Greer, University of Southern Mississippi

10:10 – 10:30 am  Use of an unmanned surface vehicle to study natural oil seeps in the Gulf of Mexico
Samira Daneshgar-Asl, University of California, Santa Barbara

10:30 – 10:50 am  Break

10:50 – 11:10 am  Drones
Oscar Garcia-Pineda, WaterMapping

11:10 – 11:30 am  Surveillance used to support oil spill response
Kevin Hoskins, Marine Spill Response Corporation

11:30 – 12:00 pm  Question & Answer

12:00 – 1:30 pm  Lunch

1:30 – 1:50 pm  Sampling of In Situ burn emissions using a helium-filled balloon (aerostat)
Brian Gullett, Environmental Protection Agency

1:50 – 2:10 pm  Ocean Weather Lab
Brooke Jones, University of Southern Mississippi

2:10 – 2:30 pm  Question & Answer

2:30 – 3:30 pm  Marine Education Tour, Science on a Sphere

3:30 – 3:45 pm  Wrap up, evaluations, adjourn