



OIL SPILL SCIENCE

SEA GRANT PROGRAMS OF THE GULF OF MEXICO

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

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| 9:00 – 9:15 am | Registration |
| 9:15 – 9:30 am | Welcome & Introductions |
| 9:30 – 9:50 am | <i>Drifters used to study ocean currents and pollutant transport (remotely)</i>
Guillaume Novelli , University of Miami – Rosenstiel School of Marine and Atmospheric Science |
| 9:50 – 10:10 am | <i>Imaging plankton to understand Gulf of Mexico ecology and potential interactions with oil</i>
Adam Greer , University of Southern Mississippi |
| 10:10 – 10:30 am | <i>Use of an unmanned surface vehicle to study natural oil seeps in the Gulf of Mexico</i>
Samira Daneshgar-Asl , University of California, Santa Barbara |
| 10:30 – 10:50 am | Break |
| 10:50 – 11:10 am | <i>Drones</i>
Oscar Garcia-Pineda , WaterMapping |
| 11:10 – 11:30 am | <i>Surveillance used to support oil spill response</i>
Kevin Hoskins , Marine Spill Response Corporation |
| 11:30 – 12:00 pm | Question & Answer |
| 12:00 – 1:30 pm | Lunch |
| 1:30 – 1:50 pm | <i>Sampling of In Situ burn emissions using a helium-filled balloon (aerostat)</i>
Brian Gullett , Environmental Protection Agency |
| 1:50 – 2:10 pm | <i>Ocean Weather Lab</i>
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 |