



MOSSFA

MARINE OIL SNOW SEDIMENTATION
& FLOCCULENT ACCUMULATION

MOSSFA Synthesis Workshop I

Texas A&M at Galveston
Aggie Special Events Center (ASEC) – **Building 3035**
Parking - **LOT M200**
200 Seawolf Parkway, Galveston, 77553
26-28 November 2018

Monday, 26 November

18:30-20:00 Opening Reception
Olympia Grill, Harborside, 100 21st St, Galveston, TX 77550
(If you are at the Tremont, it's a 5 min walk. Parking ticket will be validated in the restaurant.)

Tuesday, 27 November

7:30 Breakfast, Texas A&M at Galveston ASEC, Building 3035

8:30 Introduction, Workshop Goals (**GoMRI Leadership & Antonietta Quigg**)

9:00 *MOSSFA Formation* (Chair: **Peter Santschi**)

9:00 Marine oil snow formation: Insights into mechanisms from targeted experiments.
Uta Passow, *Memorial University - Ocean Sciences Centre, Canada*

9:20 From exudates to snow: unraveling their production, aggregation, and composition and the relevance to oil transport.
Chen Xu, *Texas A&M University at Galveston*

9:40 Microbial interactions on marine oil snow
Kai Ziervogel, *University of New Hampshire*

10:00 OSA (oil-suspended particulate matter) formation and modelling
Ali Khelifa, *Bedford Institute of Oceanography - Centre for Offshore Oil and Gas Environmental Research, Canada*

10:20 Formation Breakout 1

11:00 Formation Breakout 2 (random)

12:00 Lunch

13:00 *MOSSFA Sedimentation* (Chair: **Jeff Chanton**)

13:00 Sedimentation of Hydrocarbon Mixtures after the DWH: Spatial Extent and Fate
Isabel Romero, *University of South Florida – College of Marine Science*

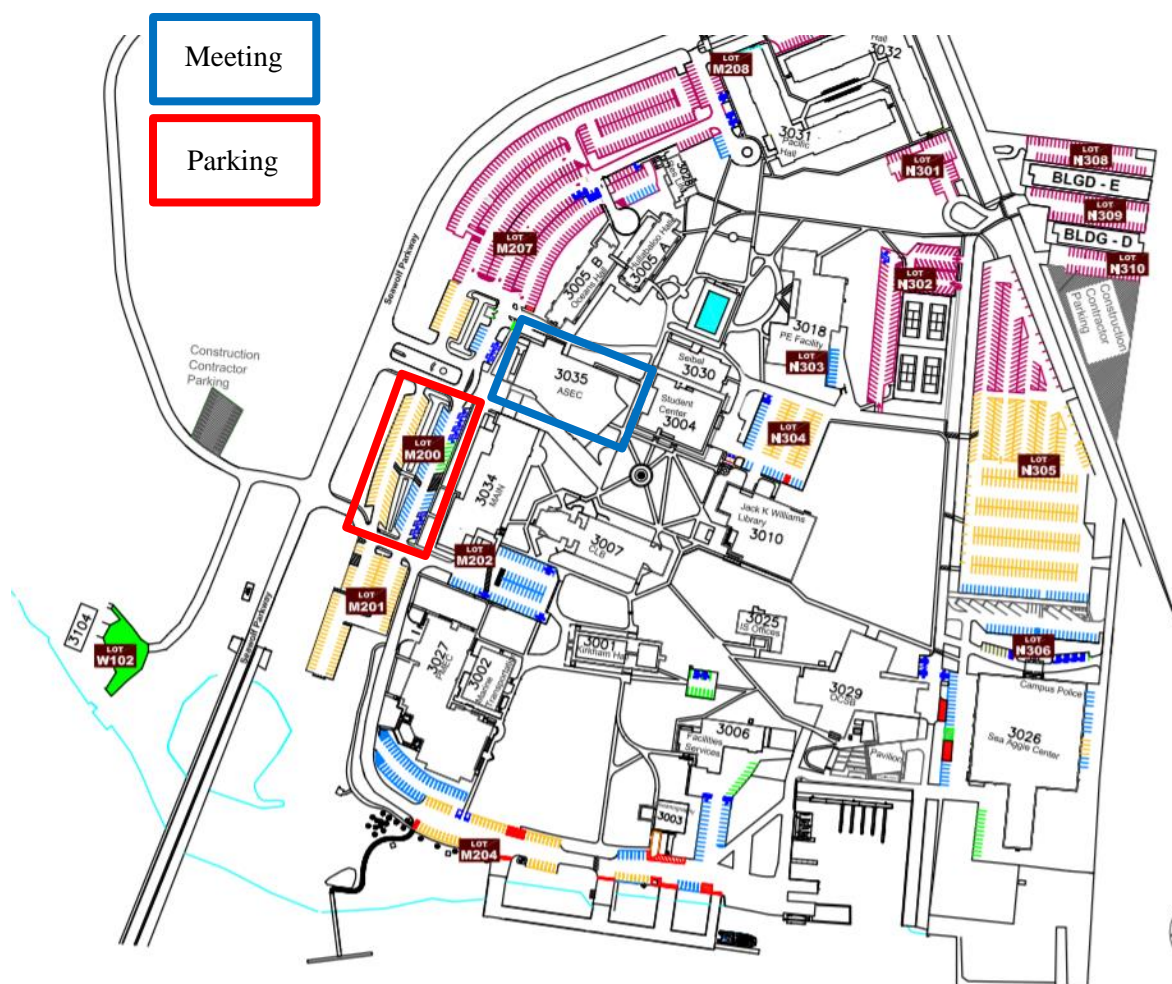
13:15 MOSSFA: Seafloor extent, impact, preservation and baselines
Patrick Schwing, *University of South Florida – College of Marine Science*

- 13:30 Potential interactions of sediment-rich river plumes with oil spills in the Gulf of Mexico
Mead Allison, *Tulane University*
- 13:45 The second half of MOSSFA: Sedimentation and Flocculent Accumulation
Bekka Larson, *Eckerd College*
- 14:00 Secondhand MOS in the deep ocean – a smoking gun
Arne Diercks, *University of Southern Mississippi*
- 14:30 Sedimentation Breakout 1
- 15:15 Sedimentation Breakout 2 (random)
- 16:00 Poster Session – Reception & Cash Bar

Wednesday, 28 November

- 7:30 Breakfast, Texas A&M at Galveston ASEC, Building 3035
- 8:30 Introduction, Summary of Day 1
- 9:00 *MOSSFA Modeling* (Chair: **Adrian Burd**)
 - 9:00 Operational Fate and Transport Oil Spill Modeling: State of Practice.
Chris Barker, *NOAA OR&R*
 - 9:20 Developments in numerical modeling of oil spills before and after Deepwater Horizon Spill
Anusha Dissanayake, *RPS-Ocean Science*
 - 9:40 Environmental Significance of Oil Particle Interactions in Oil Spill Response
Ken Lee, *Fisheries and Oceans Canada*
- 10:00 Modeling Breakout 1
- 11:00 Modeling Breakout 2 (random)
- 12:00 Lunch
- 13:00 *MOSSFA Consequences for Response/Restoration/Policy* (Chair: **David Hollander**)
 - 13:00 MOSSFA's Impact on Post DWH Spill Response
Nancy Kinner, *University of New Hampshire*
 - 13:20 How MOSSFA factored into the Deepwater Horizon NRDA with considerations for future responses and assessments
Lisa DiPinto, *NOAA OR&R*
 - 13:40 **Thomas Coolbaugh**, *ExxonMobil*
- 14:00 Randomized Breakout
- 14:45 Break
- 15:30 Workshop Report-Outs
- 17:00 End

Campus map



Parking Details:

Parking passes are required at TAMU at Galveston for each day of the workshop.

Follow the link below and select “GoMRI Syntheses Workshop Conference 11/27” or “GoMRI Syntheses Workshop Conference 11/28”. Print the permit and display on your dashboard.

Passes are \$5 in advance, and \$12 day of.

<https://transport2.tamu.edu/Account/Conference/parkingpermits.aspx/parkingpermits.aspx>