

# Leveraging Science and Academic Engagement During Incidents

*February 7, 2018*

*@ 2018 GOMOSSES Conference*

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## Overview

- **NOAA ORR**
  - This is core to ORR ERD and SSC's for response; the division that is responsible for science
  - Vast amount & depth of science
- Define science coordination and how it applies to spill response and preparedness
- Interaction between science & response communities
- There are numerous models; discover best practices
- GOMRI-funding may be closing; but will still need experienced researchers (and others unrelated to oil)



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## Overall Goal

- The overall goal is to improve NOAA ORR in its unique scientific approach and responsibility during spill response, by leveraging science and academic engagement to promote improved response.



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## Workshop Organizing Committee

- NOAA ERD: Scott Lundgren, Steve Lehmann, Chris Barker, Carl Childs
- NOAA ORR: Lisa DiPinto
- GOMRI: Chuck Wilson
- SeaGrant: Steve Sempier/LaDon Swann
- Academia: Dave Hollander, David Valentine
- Environment Canada: Ken Lee & Carl Brown
- USCG: Kevin Sligh
- Industry: Paul Schuler, OSRL & Ann Hayward Walker, SEA Consulting
- State: Yvonne Addassi, CA OSPR & Steve Murawski,



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## Workshop Discussion

- Clarify objectives: what do we need to accomplish
- Define academic
- Don't wish to impose if there is already a working model/don't recreate the wheel / select best practices
- There may be a fairly positive funding mechanism during an incident; not so in peace time



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## Workshop Discussion

- Build off previous SAN/SPERR work (review their survey data)  
See >><https://crrc.unh.edu/san>
- An opportunity to look at & learn from broader (cross-disciplinary) models (i.e., veterinary support during incidents; "Team B" approach)



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## Address Potential Obstacles

- Contracts
- Timeliness of sampling and/or delivery of results
- Effective timely shipping of oil samples
- Researchers answer NOAA's questions
- Need for subject matter experts (SME's) is crucial to fill gaps
  - Federal shutdowns
  - Expertise retiring



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## Workshop

- 2-day workshop
- Potential location - NOAA's Disaster Response Center, Mobile, AL
- ~35 workshop participants



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# Thank you!

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