

Weekly CEAFM Seminar: Fall 2017



JOHNS HOPKINS Center for Environmental & Applied Fluid Mechanics

Date: **Friday, September 1, 2017**

Time: 11:00 AM

Location: Hodson Hall # 210

Speaker: **Paul Schuler** (Oil Spill Response)

Title: ***“Exploring the Intersection of Oil Spill Science and Response”***
Competing (and Synthesizing) Perspectives on Oil Spill Response Science

Abstract

A fundamental precept of oil spill prevention, preparedness, response, and restoration (P2R2), is that science will drive the response. Such was the case in the 2010 Deepwater Horizon oil spill, where science, through the concept of Net Environmental Benefit Analysis (NEBA), played a leading role in determining response options and priorities. Following the Deepwater Horizon blowout, an unprecedented amount of oil spill related science has been conducted, mostly under the auspices of the Gulf of Mexico Research Initiative (GoMRI), or sponsorship of NOAA, BSEE, and the oil industry/response community.

This talk examines the role of oil spill science, and the respective roles of scientists and responders in oil spill preparedness and responses. It will review the fundamentals of oil spill response geared for academics/scientists, and address the respective perspectives and imperatives of the academic and response communities.

It will also address some of the difficulties and challenges of designing and applying research relevant to oil spill response, and effort undertaken to bridge the gap between science and response.