



Core 3 Synthesis Workshop: Vulnerability and Resilience of Species and Ecosystems to Large-Scale Contamination Events: Lessons from *Deepwater Horizon*

October 9-11, 2019

**Consortium for Ocean Leadership (COL)
1201 New York Avenue NW, 4th Floor
Washington, D.C. 20005**

Conveners: Steve Murawski smurawski@usf.edu , Tracey Sutton tsutton1@nova.edu ,

Mandy Joye mandyjoye@gmail.com

Statistical Consultant: Joshua Kilborn jpk@mail.usf.edu

Wednesday October 9

Time	Agenda Item	Lead
8:15-8:45am	Breakfast	
8:45 -9:30am	Introductions, discussion of the agenda, scope, V-R conceptual framework	Murawski, Sutton, Joye
9:30-10:15am	Overview of Ecotype Synthesis Activities – Deep Benthic	Schwing
10:15-10:30am	Coffee Break	
10:30-11:15am	Overview of Ecotype Synthesis Activities – Open Ocean	Sutton, Milligan
11:15am-Noon	Overview of Ecotype Synthesis Activities – Continental Shelf	Patterson III
Noon-1:15pm	Lunch (provided)	
1:15-2:00pm	Overview of Ecotype Synthesis Activities – Coastal/Inshore	Murawski
2:00-2:45pm	Overview of Community-level syntheses	Kilborn
2:45-3:00pm	Coffee Break	
3:00-4:00pm	Discussion of Criteria for VR analyses, agree to final criteria ^{1,2}	all
4:00-5:00pm	Breakout session for Ecotype Groups to discuss and finalize VR analyses	all
5:00pm-	Submit spreadsheets of final VR analyses for central synthesis	To convenors
6:30pm	Dinner Bobby Vans 1201 New York Ave NW	all

¹Report on synthetic analyses of trends in abundance and influence on populations of the oil spill and response countermeasures, by ecotype

²Develop the criteria and conduct Vulnerability-Resilience (V-R) analyses for key indicator species and species groups occupying each of the four target “Ecotypes”. Critically evaluate these analyses and assure they are done consistently across ecotypes

Thursday October 10

Time	Agenda Item	Lead
8:00-8:30am	Breakfast	
8:30-9:00am	Review of Day 1, adjustments to schedule, discuss work to be accomplished	Murawski, Sutton, Joye
9:00-10:30am	Discussion of combined V-R diagram and interpretation	all
10:30-10:45am	Coffee Break	
10:45am-Noon	Larger discussion of factors bearing on resilience and vulnerability in relation to resources impacted by DWH	all
Noon-1:15pm	Lunch (provided)	
1:15-3:00pm	Discussion of Summary Statements for each ecotype and the entirety of the GoM – evidence supporting each	all
3:00-3:15pm	Coffee Break	
3:15-5:00pm	Discussion of critical messaging regarding synthesis of V-R	all
5:00pm	Reception on Rooftop of COL	
6:30pm	Dinner on own	

Friday October 11

Time	Agenda Item	Lead
8:00-8:30am	Breakfast	
8:30-9:00 am	Review of previous discussion, schedule for the day	Murawski, Sutton, Joye
9:00-10:15am	Discussion of how core area 3 synthesis relates to other core areas, path forward	all
10:15-10:30am	Outline of publications related to core area 3 activities	all
10:30-Noon	Format, publication schedule, milestones, next steps, check-in at GOMOSEs 2020	all
Noon	Boxed Lunches Available	