

**Fate and Effect of Chemical Contaminants Program Review  
September 15 – 17, 2020**

*Organization of Program Review Materials and Gaining Access*

**Agenda (Attached):** Click on Presentation Titles on the Agenda to access Presentations

**Presentations:** Are summaries of detailed information contained the **Reports**

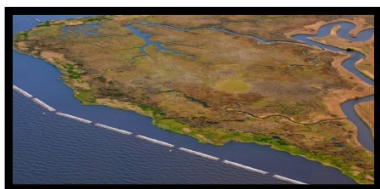
Click on the link at the bottom left of each Title Page (e.g. *Volume 4; Key Species and Bioinformatics; p.89*) to access the **Report** that has details of the information outlined in each Presentation.

The image shows a presentation title page for NCCOS. The title is "Sediment Quality Benchmarks for Assessing Oil-Related Impacts to the Deep-Sea Benthos". The authors listed are William L Balthis<sup>1</sup>, JL Hyland<sup>1\*</sup>, C Cooksey<sup>2</sup>, PA Montagna<sup>3</sup>, JG Baguley<sup>4</sup>, RW Ricker<sup>5\*</sup>, and C Lewis<sup>6</sup>. A list of affiliations follows, with logos for NOAA, Texas A&M University-Corpus Christi, University of Nevada-Reno, and IEC. A red box highlights the text: "Volume 4; Key Species and Bioinformatics; p. 89". Below this is "Fate & Effects of Contaminants Program Review, Sept 15-17, 2020". The NCCOS logo and "NATIONAL CENTERS FOR COASTAL OCEAN SCIENCE" are in the top right. The bottom right has the slogan "SCIENCE SERVING COASTAL COMMUNITIES".

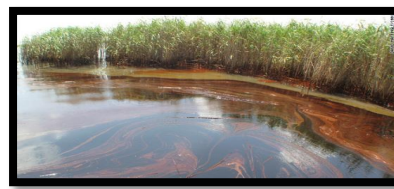
**Reports:** Specific reports are combined to create a subject-area-based **Volume**

**Due to time-constraints,** there are Reports included in some Volumes that are not being Presented.

**Volumes:** There are 4 volumes and each can be accessed by clicking on any active Volume link (e.g. those beneath the images below). Note: The 2<sup>nd</sup> page of each Volume has active links to all other Volumes.



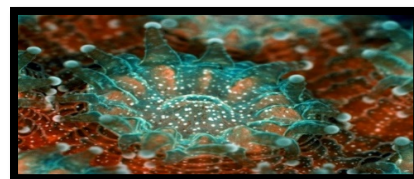
[Volume 1: Introduction and F&ECCP Overview](#)



[Volume 2: Ecotoxicology](#)



[Volume 3 Monitoring and Assessment](#)



[Volume 4: Key Species and Bioinformatics](#)

# NATIONAL CENTERS FOR COASTAL OCEAN SCIENCE

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## Fate and Effects of Chemical Contaminants Program (F&ECCP) Review Agenda

(---Click on Agenda Items to Access Presentations---) **Updated--Sep 15, 2020 Version**

**TUESDAY 9/15**

### Session 1: Introduction, Leadership Remarks & Program Overview

#### Welcome and Introductions (01)

9:00 am (Margo Schulze-Haugen)

9:15 am **Overview of Fate and Effects of Chemical Contaminants Program (F&ECCP) (02)**

(Peter Thompson)

9:30 am **Organizational Structure & Resources of the Fate and Effects of Chemical Contaminants Program (03)**

(Sherri Fields)

### Session 2: Ecotoxicology

9:45 am **Ecotoxicology in Coastal Ecosystems: An Overview of the Ecotoxicology Branch (04)**

(Marie DeLorenzo)

10:00 am **Developmental and Reproductive Effects in Grass Shrimp (*Palaemon pugio*) Following Acute Larval Exposure to a Thin Oil Sheen and Ultraviolet Light (05)**

(Pete Key)

10:20 am **Ecotoxicity of Perfluorooctane Sulfonate & Fluorine-Free Fire Fighting Foams to Estuarine Organisms (06)**

(Pete Key and Ed Wirth)

10:40 am ----- BREAK -----

11:00 am **Analysis of Floating Oil Under UV Light at Different Environmental Conditions: A Pilot Study (07)**

(Ed Wirth)

11:20 am **Field-Based Mesocosms: In Situ Deployments for Assessing Impacts of Chemical Spills in Coastal Areas (08)**

(Paul Pennington, Pete Key)

11:40 am **Defining Protocols for Replanting as an Oil Spill Response Tactic in Coastal Marshes (09)**

(Paul Pennington)

12:00 pm *Additional Ecotoxicology Questions by Panel*

12:10 pm ----- LUNCH -----

1:10 pm **National Institute of Standards and Technology Partnership (12)**

John Kucklick, National Institute of Standards and Technology, DOC

1:25 pm **Southern California Coastal Water Research Project Partnership (11)**

Ken Schiff, Southern California Coastal Water Research Project

1:40 pm **Office of Restoration and Response Partnership (10)**

Lisa DiPinto, Office of Response & Restoration, NOS, NOAA

### Session 3: Monitoring and Assessment

1:55 pm **Monitoring & Assessment of Coastal Contaminants: Overview (13)**

(Felipe Arzayus)

2:30 pm **END of DAY's Session**

**WEDNESDAY 9/16**

9:00 am	<b>Welcome</b> Peter Thompson
9:05 am	<b>National Mussel Watch: Long-term Contaminant Monitoring Program (14)</b> (Dennis Apeti)
9:25 am	<b>Mussel Watch: Current Approach (15)</b> (Mary Rider)
9:45 am	<b>Place Based Assessments: Case Studies to Illustrate Tools, Partners and Data Users (16)</b> (Dave Whitall)
10:05 am	<b>New Approaches for Monitoring &amp; Assessment (17)</b> (Annie Jacob)
10:25 am	<b>Data Management Evolution (18)</b> (Kimani Kimbrough)
10:45 am	<b>BREAK</b>
11:00 am	<b>Department of Fish and Wildlife, Washington, Partnership (19)</b> James West (Department of Fish & Wildlife, Washington)
11:15 am	<b>Coral Reef Conservation Program Partnership (20)</b> Jennifer Koss (Coral Reef Conservation Program Director, NOAA)
11:30 am	<b>Office of Research and Development, USEPA, Partnership (21)</b> Marc Mills (Office of Research and Development, EPA)
11:45 am	<b>A Quantitative Adverse Outcome Pathways Process in Monitoring and Assessment of Biological Stress (23)</b> Erik Davenport
12:00 pm	<b>Charleston Laboratory Virtual Tour (22)</b> Marie DeLorenzo
12:10 pm	<b>Overview of Charleston Lab Integration</b> Sean Morton
12:20 pm	-----END of DAY's Session-----

9:00 am	<b>Welcome</b> Peter Thompson
	<b>Session 4: Key Species and Bioinformatics</b>
9:05 am	<b>Assessing the Ecological Impacts of Marine Stressors Through Key Biological Indicator Species (24)</b> Jeff Guyon
9:20 am	<b>Effects of two Remediation Strategies on the Indigenous Microbial Communities In Response to a Simulated Hydrocarbon Release Using an Experimental Mesocosm System (25)</b> Thomas Greig
9:35 am	<b>Sediment Quality Benchmarks for Assessing Oil-Related Impacts to the Deep-Sea Benthos (26)</b> Len Balthis
9:55 am	<b>Effect of Louisiana Sweet Crude Oil on a Pacific coral, <i>Pocillopora damicornis</i> (27)</b> Lisa May
10:15 am	<b>Effects of Ammonia on Corals and Sea Urchins (28)</b> Cheryl Woodley
10:35 am	-----BREAK-----
10:50 am	<b>Chemical Contaminants in Marine Mammals (29)</b> Wayne McFee
11:05 am	<b>National Park Service Partnership (30)</b> C. Anna Toline (National Park Service, DOI)
11:20 am	<b>College of Charleston Partnership (31)</b> Barbara Beckingham (Department of Geology and Environmental Geosciences, College of Charleston)
11:35 am	<b>Florida Keys National Marine Sanctuaries Partnership (32)</b> Andy Bruckner (Florida Keys National Marine Sanctuaries, NOS, NOAA)
11:50 am	-----LUNCH-----
12:50 pm	<b>F&amp;ECCP Future Directions (Comments)</b> Peter Thompson and Sherri Fields
1:00 pm	<i>Questions by Panel on Any Aspect of F&amp;ECCP</i>
1:20 pm	<b>Wrap Up (Comments)</b> Margo Schulze-Haugen
1:25 pm	<b>Preliminary De-Brief by Panel</b> Panel