

**MBNMS Research Activity Panel
Meeting Agenda
January 10, 2020**

Host: Susan Sogard – Shelf & Slope Environment (NOAA Fisheries Service - retired)
John Hunt – Water Quality (University of California, Davis)

Location: Moss Landing Marine Laboratories (MLML)
Seminar Room
8272 Moss Landing Road
Moss Landing, CA

Date: Friday, January 10, 2020; 9:00 am to 12:00 pm

Members:

	Discipline	Primary/ Alternate	Name	Institution
	Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
	Biological Oceanography	primary	Kudela, Raphael	University of California, Santa Cruz
	Biological Oceanography	alternate	Ruhl, Henry	Central and Northern California Ocean Observing System
	Deep-Sea Environment	primary	Cailliet, Greg	Moss Landing Marine Laboratories (retired)
	Deep-Sea Environment	alternate	Haddock, Steve †	Monterey Bay Aquarium Research Institute
	Estuarine Environment	primary	Clark, Ross	Central Coast Wetlands Group
	Estuarine Environment	alternate	Wasson, Kerstin	Elkhorn Slough NERR and Foundation
	Fisheries	primary	Lindley, Steve	NOAA Fisheries Service
	Fisheries	alternate	Owens, Brian	California Department of Fish and Wildlife
	Marine & Coastal Geology	primary	Golden, Nadine	United States Geological Survey
	Marine & Coastal Geology	alternate		
	Marine Conservation Biology	primary	Goldbogen, Jeremy	Hopkins Marine Station
	Marine Conservation Biology	alternate	Micheli, Fiorenza	Hopkins Marine Station
	Nearshore Environment	primary	Southall, Brandon	Southall Environmental Associates, Inc.
	Nearshore Environment	alternate	Carr, Mark	University of California, Santa Cruz
	Physical Oceanography	primary	Cheriton, Olivia	United States Geological Survey
	Physical Oceanography	alternate	Orescanin, Mara	Naval Postgraduate School
	Shelf & Slope Environment	primary	Lindholm, James	California State University Monterey Bay
	Shelf & Slope Environment	alternate	Sogard, Susan	NOAA Fisheries Service (retired)
	Social Sciences	primary	Pomeroy, Carrie	California Sea Grant Extension Program
	Social Sciences	alternate	Scorse, Jason	Middlebury Institute of International Studies
	Water Quality	primary	Hunt, John *	University of California, Davis
	Water Quality	alternate	Hoover, Bridget	Monterey Bay National Marine Sanctuary

*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate)

RAP Coordinator:

Burton, Erica	Monterey Bay National Marine Sanctuary
---------------	--

CONSENT ITEMS

9:00 – 9:10 Introductions/Modifications to the Agenda (John Hunt)

HOST PRESENTATION AND DISCUSSION

9:10 – 9:40 Effects of Ocean Acidification and Hypoxia on Juvenile Rockfish (Scott Hamilton/MLML and Sue Sogard)

- Presentation (20 min)
- RAP Discussion (10 min)

SANCTUARY ADVISORY COUNCIL UPDATE

9:40 – 10:05 Summary of December 13th Advisory Council Meeting in Monterey (John Hunt)

- Presentation (15 min)
- RAP Discussion (10 min)

STAFF/SAC REQUESTS TO RAP

10:05 – 10:25 Draft Management Plan Schedule & Public Comment (John Hunt)

- Presentation (10 min)
- RAP Discussion (10 min)

BREAK

10:25 – 10:45

SANCTUARY RESEARCH UPDATE

10:45 – 11:15 Streamlining Ecosystem Assessment: New Tools to Quickly Generate Management Information from Ocean Monitoring Data (Andrew DeVogelaere)

- Presentation (20 min)
- RAP Discussion (10 min)

STAFF/SAC REQUESTS TO RAP

11:15 – 11:45 How Can MBNMS (office or Advisory Council) Support Research Community (John Hunt)

- Presentation (10 min)
- RAP Discussion (20 min)

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

11:45 – 11:55 RAP Discussion (10 min)

SUGGESTED FUTURE AGENDA ITEMS

11:55– 12:00 RAP Discussion (5 min)

ADJOURN

12:00

Future Agenda Items (running list):

- Socioeconomic benefits of science (per Scorse)
- West Coast Regional Office update
- RAP Focus:
 - Long-term Monitoring
 - Coordinated water quality monitoring: lessons learned (Hunt/Hoover)
 - Consider interns to follow-up on RAP monitoring plan tasks (Hunt)
 - MBNMS Action Plans (Management Plan Review)
 - Draft Management Plan release for public comment (January 2020?)
- RAP Membership:
 - Reinvigorate non-attending members
 - Constituent outreach (Hunt)
- Happy Whale App (Jeremy Goldbogen)
- California Collaborative Fisheries Research Program (CCFRP), and MPA monitoring and synthesis of historic data sets in MBNMS (Mark Carr and Rick Starr)
- Microplastics: How an under-funded marine science community deals with a significant new problem
 - Microplastics and seabirds (chemical cues; Matt Savoca/Hopkins Marine Station)
 - Choy et al (MBARI)
 - NOAA's Marine Debris Program (Sherry Lippiatt)
- Invite research representative of GFNMS Advisory Council (John Largier)
- Link between MBNMS research needs and rapid funding and sanctuary foundation (Monterey Bay Chapter update); and how local RAP priorities get into ONMS West Coast Region and Foundation priorities (Clark)
- MBA's Conservation and Science Program update (Kyle Van Houtan - **May 8th**)
- Deep-sea Coral WCR priority update (per Hunt)
- Pelican/fishery interactions (SAC discussed; per Hunt)

2020 RAP Meeting Schedule and Locations

Date	Hosts	Location
January 10	Sogard/Hunt	Moss Landing Marine Laboratories
March 13	Cheriton/Golden	US Geological Survey
May 8	Scorse	Middlebury Institute of International Studies
September 11	Owens (tbd)	California Department of Fish and Wildlife
November 13	Haddock	Monterey Bay Aquarium Research Institute

RAP Meeting Location (01/10/20):

Moss Landing Marine Laboratories
 Seminar Room
 8272 Moss Landing Road
 Moss Landing, CA 95039
