

**MBNMS Research Activity Panel
Meeting Agenda
November 4, 2022**

Host: Kerstin Wasson – Estuarine Environment (Elkhorn Slough NERR and Foundation)

Location: Virtual Meeting (information available upon request; erica.burton@noaa.gov)

Date: Friday, November 4, 2022; 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	Ruhl, Henry	Central and Northern California Ocean Observing System
	Biological Oceanography	alternate	Kudela, Raphael	University of California, Santa Cruz
	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		
	Marine & Coastal Geology	alternate	Wagner, Amy	California State University, Sacramento
	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	University of California, Santa Cruz
	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
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CONSENT ITEMS

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

HOST PRESENTATION AND DISCUSSION

9:10 – 9:40 Building a climate-ready tidal marsh for tomorrow: update on Hester Marsh restoration (Kerstin Wasson)

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

MBNMS RESEARCH UPDATE

09:40 – 10:25 Kelp Research and Restoration Review by RAP Subcommittee (Steve Lonhart/MBNMS and Mark Carr)

- Presentation (15 min)
- RAP Discussion (30 min)

BREAK

10:25 – 10:35

SANCTUARY RESEARCH UPDATE: NANCY FOSTER SCHOLARS

10:25 – 11:10 Sanctuary Sound Update (Andrew DeVogelaere)

- Introduction (2 min)

Ship Noise in the Ocean: Investigating a Chronic Ocean Threat and Identifying Biologically Meaningful Solutions (Vanessa ZoBell/Scripps Institution of Oceanography)

- Presentation (15 min)

Bioacoustics Update - [New Publication on Blue Whale Ecology and Tracking in Monterey Bay](#) (Brandon Southall)

- Presentation (15 min)
- RAP Discussion (13 min)

SANCTUARY ADVISORY COUNCIL UPDATE

11:10 – 11:25 Summary of October Advisory Council Meeting (John Hunt and Steve Haddock)

- Presentation (10 min)
- RAP Discussion (5 min)

ED RICKETTS AWARD AND LECTURE

11:25 – 11:35 2022 Ricketts Award and Lecture Event Summary (Erica Burton)

- Presentation (5 min)
- RAP Discussion (5 min)

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

11:35 – 11:50 RAP Discussion (15 min)

SUGGESTED FUTURE AGENDA ITEMS

11:50 – 12:00 RAP Discussion (10 min)

ADJOURN

12:00

Future Agenda Items (running list):

- MBA’s Conservation and Science Program update
- MPAs as monitors/buffers of climate change (e.g., recent OPC presentation at SAC; Micheli’s recent newspaper article)
- Microplastics in Monterey Bay National Marine Sanctuary: Current and future research to guide management (Matt Savoca/Hopkins Marine Station)
- Funded project on kelp as ecological-social systems in Monterey and Mendocino areas (C.Pomeroy and M.Carr)
- Update on nitrogen loading in local watersheds (by Holly Bowers/Ross Clark; initially presented March 2022 RAP meeting)
- More offshore wind energy and mapping fishing grounds (requested by C.Pomeroy)
- Future updates on offshore wind energy (requested by J.Scorese)
- Update on seal bomb issue (requested by J.Scorese)

2022 RAP Meeting Schedule and Locations

Date	Hosts	Location
January 14	Haddock	Virtual Meeting (until further notice)
March 11		Virtual Meeting (until further notice)
May 13	Cheriton	Virtual Meeting (until further notice)
September 9	Ruhl	Virtual Meeting (until further notice)
November 4	Wasson	Virtual Meeting (until further notice)

2023 RAP Meeting Schedule and Locations

Date	Hosts	Location
January 13		Virtual Meeting (until further notice)
March 10		Virtual Meeting (until further notice)
May 12		Virtual Meeting (until further notice)
September 8		Virtual Meeting (until further notice)
November 3		Virtual Meeting (until further notice)