

**MBNMS Research Activity Panel
Meeting Agenda
January 13, 2023**

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

Date: Friday, January 13, 2023; 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		
	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
---------------	--

RAP BUSINESS: LEADERSHIP UPDATE

9:00 – 9:10 Advisory Council Recruitment and RAP Leadership (Erica Burton)

CONSENT ITEMS

9:10 – 9:20 Introductions/Modifications to the Agenda (Steve Haddock or Erica Burton)

HOST PRESENTATION AND DISCUSSION

9:20 – 9:50 Climate Vulnerability Assessment of Species Managed by California Department of Fish and Wildlife (Mikaela Provost/NOAA Southwest Fisheries Science Center, Environmental Research Division)

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

SANCTUARY ADVISORY COUNCIL UPDATE

09:50 – 10:05 Summary of December Advisory Council Meeting (Steve Haddock)

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

SANCTUARY RESEARCH UPDATE

10:05 – 10:50 Kelp Recovery and Restoration Proposal: Response to Comments from RAP Subcommittee (Steve Lonhart/MBNMS and Mark Carr)

- Presentation (15 min)

Advisory Council Request: RAP to Evaluate Proposed Options to Inform Monitoring, Recovery, and Restoration of Kelp Forests (Steve Haddock or Erica Burton)

- RAP Discussion (30 min)

BREAK

10:50 – 11:00

SANCTUARY RESEARCH UPDATE

11:00 – 11:20 New Applied Research App (Andrew DeVogelaere)

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

ED RICKETTS AWARD AND LECTURE

11:20 – 11:30 2023 Ricketts Award (Erica Burton)

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

RAP BUSINESS

11:30 – 11:45 2023 Meeting Frequency, Schedule and Hosts (Erica Burton)

- RAP Discussion (15 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):

- 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)
- 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.Score)
- Update on seal bomb issue (requested by J.Score)
- Trends in Benthic Community Composition in Monterey Bay: 2001 – 2020; 20-year time series of water and sediment quality monitoring by CCLEAN (requested by J.Hunt)

2023 RAP Meeting Schedule and Locations

Date	Hosts	Location
January 13	Lindley	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)