

**MBNMS Research Activity Panel  
Meeting Agenda  
March 10, 2023**

**Host:** Brandon Southall – Nearshore Environment (Southall Environmental Associates, Inc)

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

**Date:** Friday, March 10, 2023; 9:00 am to 12:00 pm

**Members:**

	<b>Discipline</b>	<b>Primary/ Alternate</b>	<b>Name</b>	<b>Institution</b>
	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	<b>Haddock, Steve</b> †	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	<b>Southall, Brandon</b> *	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
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## **CONSENT ITEMS**

- 9:00 – 9:10 Introductions/Modifications to the Agenda (Brandon Southall)
- Advisory Council research seats: Southall and Haddock

## **HOST PRESENTATION AND DISCUSSION**

- 9:10 – 9:40 West Coast Offshore Energy - Marine Mammal and Sea Turtle Vulnerability Risk Assessment (Brandon Southall)
- Presentation (20 min)
  - RAP Discussion (10 min)

## **SANCTUARY RESEARCH UPDATE**

- 9:40 – 10:00 Fish chorusing in Monterey Bay, including relevance to condition reports, marine heat waves, and climate change (Ella Kim / Nancy Foster Scholar)
- Presentation (15 min)
  - RAP Discussion (5 min)

## **ED RICKETTS AWARD AND LECTURE**

- 10:00 – 10:15 2023 Ricketts Award nominations discussion (Erica Burton)
- Presentation (5 min)
  - RAP Discussion (10 min)

## **ADVISORY COUNCIL UPDATE**

- 10:15 – 10:30 Summary of February Advisory Council meeting (Brandon Southall and Steve Haddock)
- Presentation (10 min)
  - RAP Discussion (5 min)

## **BREAK**

10:30 – 10:40

## **SANCTUARIES UPDATE**

- 10:40 – 11:00 Proposed designation of Chumash Heritage National Marine Sanctuary (Paul Michel / NOAA Sanctuaries West Coast Region)
- Presentation (10 min)
  - RAP Discussion (10 min)

## **ADVISORY COUNCIL UPDATE**

- 11:00 – 11:15 Iconic kelp in MBNMS (Steve Haddock and Andrew DeVogelaere)
- Presentation (5 min)
  - RAP Discussion (10 min)
- 11:15 – 11:40 Advisory Council request: RAP engagement in MBNMS Climate Vulnerability Assessment (Brandon Southall and Steve Lonhart / MBNMS)
- Presentation (10 min)
  - RAP Discussion (15 min)

**RAP BUSINESS**

- 11:40 – 11:45      2023 RAP meeting schedule and beyond (Erica Burton)
- Presentation (5 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

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**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)
- Social Science topics
  - Jason Score: White Shark public education
  - Carrie Pomeroy: Collaborative kelp research; and rock crab fishery closure and impacts
- Keith Rootsart (Diving representative on Advisory Council) would like to present on kelp restoration efforts

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**2023 RAP Meeting Schedule and Locations**

<b>Date</b>	<b>Hosts</b>	<b>Location</b>
January 13	Lindley	Virtual Meeting (until further notice)
March 10	Southall	Virtual Meeting (until further notice)
September 8		Virtual Meeting (until further notice)
December 8		Virtual Meeting (until further notice)