

**MBNMS Research Activity Panel
Meeting Agenda
May 14, 2021**

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

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

Date: Friday, May 14, 2021; 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	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
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CONSENT ITEMS

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

HOST PRESENTATION AND DISCUSSION

SanctSound Project and Related Research (Brandon Southall)

9:10 – 9:30 Update on NOAA SanctSound Project
(John Joseph and Tetyana Margolina - Naval Postgraduate School)

- Presentation (20 min)

9:30 – 10:00 MBARI Listening Sensors on MARS to Study COVID-Related Changes
in Noise, Whale Seasonality, and Distribution of Calling Whales
(John Ryan - MBARI, and Will Oestreich - Hopkins Marine Station)

- Presentation (30 min)

10:00 – 10:15 COVID-Related Changes in Noise from SanctSound and Parallel Studies
of Stress Responses in Whales
(Megan McKenna - Hopkins Marine Station, California Ocean Alliance)

- Presentation (15 min)

10:15 – 10:30 Daily and Hourly Patterns of Humpback Whale Vocalizations in MBNMS
(Jack Barkowski - Moss Landing Marine Laboratories)

- Presentation (15 min)

10:30 – 10:40 NOAA West Coast Region Soundscape Monitoring - Next Steps
(Lindsey Peavey - NOAA ONMS)

- Presentation (10 min)

10:40 – 10:50 Questions and Discussion (10 min)

BREAK

10:50 – 11:00

RAP FOCUS TOPICS

11:00 – 11:05 Updating “Major Marine Science Institutions in the Monterey Bay
Region” (John Hunt)

- Presentation (5 min)

SANCTUARY ADVISORY COUNCIL UPDATE

11:05 – 11:25 Summary of April 16th Advisory Council Meeting (John Hunt)

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

PRESENTATION REQUESTED BY RAP

11:25 – 11:40 Monterey Marine Innovation Project (Robert Behl/M2IP)

- Presentation (10 min)

- RAP Discussion (5 min)

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

11:40 – 11:55 RAP Discussion (15 min)

SUGGESTED FUTURE AGENDA ITEMS

11:55– 12:00 RAP Discussion (5 min)

ADJOURN

12:00

Future Agenda Items (running list):

- **Sept 2021:** 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)
 - Monterey Bay Aquarium (Kyle Van Houtan)
 - Watersheds (Bridget Hoover has preliminary data)
 - Davidson Seamount (MBNMS office)
- **Nov 2021:** California Collaborative Fisheries Research Program (CCFRP), and MPA monitoring and synthesis of historic data sets in MBNMS (Mark Carr and Rick Starr)
- **Nov 2021:** Development of a Marine Protected Area monitoring program for California estuaries (Ross Clark)
- MBA’s Conservation and Science Program update (Kyle Van Houtan)
- MPAs as monitors/buffers of climate change (e.g., recent OPC presentation at SAC; Micheli’s recent newspaper article)
- EPA funding to document water quality enhancement projects in the watershed capacity to reduce harmful algal blooms (Ross Clark)
- Update on research and restoration activities related to closing of the Marina sand mining plant (USGS and others)

2021 RAP Meeting Schedule and Locations

Date	Hosts	Location
January 8	Cailliet	Virtual Meeting (until further notice)
March 12	Orescanin	Virtual Meeting (until further notice)
May 14	Southall	Virtual Meeting (until further notice)
September 10	Ruhl	Virtual Meeting (until further notice)
November 12		Virtual Meeting (until further notice)