

**MBNMS Research Activity Panel  
Meeting Agenda  
November 13, 2020**

**Host:** Steve Haddock – Deep-Sea Environment (Monterey Bay Aquarium Research Institute)

**Location:** Virtual Meeting (call-in information sent to RAP members)

**Date:** Friday, November 13, 2020; 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	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	<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	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	<b>Hunt, John</b> *	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 (Steve Haddock)

**HOST PRESENTATION AND DISCUSSION**

9:10 – 9:35 MBARI Research and Institutional Update (Steve Haddock)

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

**SANCTUARY ADVISORY COUNCIL UPDATE**

9:35 – 10:00 Summary of 2020 Advisory Council Meetings (Steve Haddock)

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

**PRESENTATION REQUESTED BY RAP**

10:00 – 10:25 West Coast Regional Office Update (Lisa Wooninck/ONMS)

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

**BREAK**

10:25 – 10:30

**SANCTUARY RESEARCH UPDATE**

10:30 – 10:50 E/V *Nautilus* cruise (Chad King/MBNMS)

- Presentation (15 min)
- RAP Discussion (5 min)

**ED RICKETTS AWARD AND LECTURE**

10:50 – 11:00 Update on 2020 Award Recipient and Event (Erica Burton)

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

**INSTITUTIONAL RESEARCH UPDATES DURING COVID**

11:00 – 11:40 RAP Roundtable Discussion (40 min)

- How are you conducting research during COVID?
- Are you conducting research on the effects of COVID on environment?
- Other institutional updates

**SUGGESTED FUTURE AGENDA ITEMS**

11:40 – 11:45 RAP Discussion (5 min)

**ADJOURN**

11:45

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**Future Agenda Items (running list):**

- Socioeconomic benefits of science (per Scorse)
- RAP Focus:
  - Long-term Monitoring
    - Coordinated water quality monitoring: lessons learned (Hunt/Hoover)
    - Consider interns to follow-up on RAP monitoring plan tasks (Hunt)
- 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)
  - Monterey Bay Aquarium (Kyle Van Houtan)
  - Watersheds (Bridget Hoover has preliminary data)
  - Davidson Seamount (MBNMS office)
- 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)
- Deep-sea Coral WCR priority update (per Hunt)
- Pelican/fishery interactions (SAC discussed; per Hunt)
- MPAs as monitors/buffers of climate change (e.g., recent OPC presentation at SAC; Micheli’s recent newspaper article)
- Ocean Discovery Institute: High School Research Program in Monterey Bay (Joel Barkan)
- Seal bomb/Soundscape Update (per Scorse)

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**2020 RAP Meeting Schedule and Locations**

<b>Date</b>	<b>Hosts</b>	<b>Location</b>
January 10	Sogard/Hunt	Moss Landing Marine Laboratories
<del>March 13</del>	<del>Cheriton/Golden</del>	<del>US Geological Survey - CANCELLED</del>
<del>May 8</del>	<del>tbd</del>	<del>Tbd - CANCELLED</del>
<del>September 11</del>	<del>Owens</del>	<del>CDFW - CANCELLED</del>
November 13	Haddock	Virtual Meeting

**2021 RAP Meeting Schedule and Locations**

<b>Date</b>	<b>Hosts</b>	<b>Location</b>
January 8		Virtual Meeting (until further notice)
March 12		Virtual Meeting (until further notice)
May 14		Virtual Meeting (until further notice)
September 10		Virtual Meeting (until further notice)
November 12		Virtual Meeting (until further notice)