

**MBNMS Research Activity Panel  
Meeting Summary  
January 12, 2018**

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

**Location:** Monterey Bay Aquarium Research Institute  
Pacific Forum  
7700 Sandholdt Road  
Moss Landing, CA

**Date:** Friday, January 12<sup>th</sup>, 2018; 9:00 am to 12:00 pm

**Members:**

	<b>Discipline</b>	<b>Primary/ Alternate</b>	<b>Name</b>	<b>Institution</b>
X	Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
	Biological Oceanography	primary	Kudela, Raphael	University of California, Santa Cruz
	Biological Oceanography	alternate	Chavez, Francisco	Monterey Bay Aquarium Research Institute
X	Deep-Sea Environment	primary	Cailliet, Greg	Moss Landing Marine Laboratories (retired)
X	Deep-Sea Environment	alternate	<b>Haddock, Steve</b> †	Monterey Bay Aquarium Research Institute
X	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
X	Fisheries	alternate	Owens, Brian	California Department of Fish and Wildlife
	Marine & Coastal Geology	primary	Storlazzi, Curt	United States Geological Survey
	Marine & Coastal Geology	alternate	Paull, Charles	Monterey Bay Aquarium Research Institute
X	Marine Conservation Biology	primary	Goldbogen, Jeremy	Hopkins Marine Station
	Marine Conservation Biology	alternate	Micheli, Fiorenza	Hopkins Marine Station
X	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
X	Shelf & Slope Environment	alternate	Sogard, Susan	NOAA Fisheries Service
	Social Sciences	primary	Pomeroy, Caroline	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
X	Water Quality	alternate	Hoover, Bridget	Monterey Bay National Marine Sanctuary

\*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate)

**RAP Coordinator:**

X	Burton, Erica	Monterey Bay National Marine Sanctuary
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**GUESTS**

Fulton-Bennett, Kim	Monterey Bay Aquarium Research Institute
Lonhart, Steve	Monterey Bay National Marine Sanctuary
Nachbar, Seaberry	Office of National Marine Sanctuaries
Ryan, John	Monterey Bay Aquarium Research Institute
Walsh, Todd	Monterey Bay Aquarium Research Institute

**CONSENT ITEMS**

Introductions/Modifications to the Agenda (Steve Haddock)

**HOST PRESENTATION AND DISCUSSION**

Research Activities at MBARI (Steve Haddock and John Ryan)

- Haddock described recent research in his lab, including deep pelagic food webs, bioluminescence capability, genomes of jellies, and the upcoming Deep Sea Biology Symposium (Sept 9-14, 2018; dsbs2018.org)
- Ryan provided update on Soundscape project at MARS cable

**MEETING UPDATES**

Summary of December 15<sup>th</sup> Advisory Council Meeting at Monterey (Steve Haddock)

- For meeting minutes, see: <https://montereybay.noaa.gov/sac/sacma.html>

**STAFF REQUEST TO RAP**

Ocean Guardian School Program: Video Interviews with Scientists (Seaberry Nachbar/ONMS)

- Nachbar provided two examples of video interviews for k-12 students
- She requested feedback and interest from RAP
- **ACTION**: Burton will circulate email from Nachbar for additional feedback and information

**SANCTUARY RESEARCH UPDATE**

Mud Creek Slide and Black Abalone Relocation Efforts (Steve Lonhart/MBNMS)

- Lonhart provided overview of slide events, slide extent, black abalone status and critical habitat, abalone survey, and relocation efforts

**RAP RESEARCH PRIORITIES: LONG-TERM MONITORING**

SIMoN: new website (Steve Lonhart/MBNMS)

- Lonhart provided brief overview of SIMoN; outlined changes to website
- View updated website at: <https://sanctuarysimon.org>

**QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES**

RAP Discussion (10 min)

- No decisions or actions

**SUGGESTED FUTURE AGENDA ITEMS**

RAP Discussion (10 min)

- Membership: need to reinvigorate non-attending members (Haddock)

- Ship Strikes in Sanctuaries: Calambokidis to speak at May or Sept meeting (DeVogelaere)

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

- Inventory and Classification of U.S. West Coast Estuaries (Central Coast Wetlands Group/Ross Clark)
- MBNMS budget and staffing, and trends (short topic; per Storlazzi)
- Monterey Bay Sanctuary Foundation: presentation from new local chapter (per Hunt)
- Socioeconomic benefits of science (per Scorse)
- West Coast Sanctuaries Species Inventory (West Coast Regional Office)
- Executive Order 13795: Implementing an America-First Offshore First Offshore Energy Strategy [Sec. 4(b): National Marine Sanctuaries and Marine National Monuments] (West Coast Regional Office)
- Regional Marine Policy courses and engaging students towards MBNMS issues
- RAP Focus:
  - Long-term Monitoring
    - Coordinated water quality monitoring: lessons learned (Hunt/Hoover)
    - Consider interns to follow-up on RAP monitoring plan tasks (Hunt)
  - MBNMS Action Plans (Management Plan Review)
- Ship Strikes in Sanctuaries: new mortality model by Rockwood, Calambokidis, and Jahncke 2017 (per DeVogelaere; Calambokidis to speak at May or Sept meeting)

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