

**MBNMS Research Activity Panel  
Meeting Agenda  
September 7, 2018**

**Host:** Kerstin Wasson – Estuarine Environment (Elkhorn Slough NERR and Foundation)

**Location:** Elkhorn Slough National Estuarine Research Reserve  
1700 Elkhorn Road  
Watsonville, CA 95076

**Date:** Friday, September 7<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>
	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
	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	Paull, Charles	Monterey Bay Aquarium Research Institute
	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, 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
	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**

- 09:00 – 09:10 Introductions/Modifications to the Agenda (John Hunt)
- New member – Nadine Golden (USGS)

**HOST PRESENTATION AND DISCUSSION**

- 09:10 – 09:40 ESNERR Research Update (Kerstin Wasson)
- Presentation (20 min)
  - RAP Discussion (10 min)

**MEETING UPDATES**

- 09:40 – 09:55 Summary of June 15<sup>th</sup> (Cambria) and August 17<sup>th</sup> (Marina) Advisory Council Meetings (John Hunt)
- Presentation (10 min)
  - RAP Discussion (5 min)

**RAP RESEARCH PRIORITIES**

- 09:55 – 10:25 Interactive effects of climate change and other stressors (John Hunt)
- Presentation (10 min)
  - RAP Discussion (20 min)

**BREAK**

10:25 – 10:50

**PRESENTATION REQUESTED BY RAP**

- 10:50– 11:15 Scientific Collecting Permits Program update (Brian Owens)
- Presentation (10 min)
  - RAP Discussion (15 min)

- 11:15– 11:40 Draft Marine Protected Area Monitoring Action Plan (Sarah Worden/CDFW)
- <https://cdfwmarine.wordpress.com/2018/07/16/draft-marine-protected-area-monitoring-action-plan-available-for-public-review/>
- Presentation (10 min)
  - RAP Discussion (15 min)

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

- 11:40 – 11:50 RAP Discussion (10 min)

**SUGGESTED FUTURE AGENDA ITEMS**

- 11:50– 12:00 RAP Discussion (10 min)

**ADJOURN**

12:00

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

- 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)
- RAP Membership: need to reinvigorate non-attending members (Haddock)
- MBNMS Soundscape: MARS cable findings; SEC exhibit; SAC involvement; Navy mitigation funds
- Desalination project(s) and monitoring
- CeNCOOS Director update (2 Nov 2018)
- Kelp and urchins discussion – central California link with Northern California group (Lonhart or Carr?; per DeVogelaere)
- Sail drone company partnering with SWFSC/NMFS on west coast marine mammal/rockfish survey, interested in monitoring ideas from region (per Wooninck)
- Discuss drone usage (pros/cons; per Orescanin)

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**2018 RAP Meeting Schedule and Locations (updated 8/6/18)**

<b>Date</b>	<b>Host</b>	<b>Location</b>
January 12	Haddock	MBARI, Moss Landing
March 9	Clark	MLML, Moss Landing
May 11	Haddock	MBARI, Moss Landing
September 7	Wasson	Elkhorn Slough NERR, Castroville
November 2	Hunt/Clark	MLML, Moss Landing

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**RAP Meeting Location (9/7/18):**

Elkhorn Slough National Estuarine Research Reserve  
 1700 Elkhorn Road  
 Watsonville, CA 95076

**Driving Directions to RAP meeting:**

<http://www.elkhornslough.org/esnerr/map.htm>

Approximately 45 minutes from Santa Cruz

Approximately 30 minutes from Monterey

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