

**MBNMS Research Activity Panel
Meeting Summary
May 10, 2019**

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, May 10th, 2019; 9:00 am to 12:00 pm

Members:

	Discipline	Primary/ Alternate	Name	Institution
X	Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
	Biological Oceanography	primary	Kudela, Raphael	University of California, Santa Cruz
X	Biological Oceanography	alternate	Ruhl, Henry	Central and Northern California Ocean Observing System
X	Deep-Sea Environment	primary	Cailliet, Greg	Moss Landing Marine Laboratories (retired)
X	Deep-Sea Environment	alternate	Haddock, Steve †	Monterey Bay Aquarium Research Institute
	Estuarine Environment	primary	Clark, Ross	Central Coast Wetlands Group
X	Estuarine Environment	alternate	Wasson, Kerstin	Elkhorn Slough NERR and Foundation
X	Fisheries	primary	Lindley, Steve	NOAA Fisheries Service
X	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
X	Physical Oceanography	primary	Cheriton, Olivia	United States Geological Survey
X	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 (retired)
X	Social Sciences	primary	Pomeroy, Carrie	California Sea Grant Extension Program
	Social Sciences	alternate	Scorse, Jason	Middlebury Institute of International Studies
X	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:

X	Burton, Erica	Monterey Bay National Marine Sanctuary
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GUESTS

Brown, Jennifer	Monterey Bay National Marine Sanctuary
Canepa, Amanda	California Department of Fish and Wildlife
Daniel, Patrick	CeNCOOS
Strangman, Bill	public

CONSENT ITEMS

Introductions/Modifications to the Agenda (John Hunt)

- New RAP member: Henry Ruhl (Biological Oceanography/CeNCOOS)

HOST PRESENTATION AND DISCUSSION

Olympia Oyster Restoration Science (Kerstin Wasson)

- Kerstin provided overview of native oyster restoration science at Elkhorn Slough, and partnerships along west coast to monitor and restore local Olympia Oysters
- For more information, see recent paper by Wasson et al. 2016 in Ecology 97(12):3503-3516; and <http://www.elkhornslough.org/research-program/estuarine-conservation-research/native-oysters/>

SANCTUARY ADVISORY COUNCIL UPDATE

Summary of April 19th Advisory Council Meeting at Monterey (John Hunt)

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

PRESENTATIONS REQUESTED BY RAP

Demonstration and Feedback on CeNCOOS Data Portal (Patrick Daniel/CeNCOOS)

- Patrick provided brief overview of CeNCOOS purpose, core capacities, data aggregation, data serving, data processing, and data archival
- Patrick provided demonstration of CeNCOOS Data Portal
- For more information, see Data Portal: <https://data.cencoos.org/>

Progress on Monitoring Indicators for Sanctuary Condition Reports (Jennifer Brown/ECOS Consulting with MBNMS)

- Jenn provided brief background, including incorporating Integrated Ecosystem Assessment (IEA) approach into Sanctuary Condition Reports
- She provided progress update; and various outputs for various audiences (including infographics, curated data views, and CeNCOOS data portal products)

SANCTUARY ADVISORY COUNCIL UPDATE

Spring 2019 Advisory Council Member Recruitment (Erica Burton)

- MBNMS is currently accepting applications for 17 seats on Advisory Council, including Research (primary and alternate)
- These seats also serve as the RAP chair and vice-chair.
- Currently, John Hunt (SAC research primary and RAP chair) and Steve Haddock (SAC research alternate and RAP vice-chair) hold those positions. Existing 3-year terms expire in June 2019.
- Both plan to re-apply; however, the application process is open to others.

- For more information on Advisory Council recruitment, see: <https://montereybay.noaa.gov/sac/2019/recruit19v1/190422covlet.html>
- **ACTION**: A motion was made by Brian Owens to voice RAP support for John Hunt (primary) and Steve Haddock (alternate) to re-apply and be considered for said positions.
 - Seconded by Sue Sogard
 - No further RAP discussion
 - **Motion: PASSED** (vote: 11 in favor, 0 opposed, 0 abstention)
 - MBNMS Superintendent will make final decision based on all applications received

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

- No decisions or actions

SUGGESTED FUTURE AGENDA ITEMS

- USGS Coastal Storm Modeling System (CoSMoS) presentation (per Cheriton);
 - After RAP meeting Olivia Cheriton checked with project staff, and learned the Central Coast product won't be completed until fall 2019 at the earliest. Will likely need to wait until 2020 for presentation.
- Invite newly appointed Director of California Sea Grant (Shauna Oh) to speak to RAP when she is in MBNMS area (per Pomeroy)

Future Agenda Items (running list):

- Socioeconomic benefits of science (per Scorse)
- West Coast Regional Office update
- 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: reinvigorate non-attending members
- Discuss drone usage (pros/cons; per Orescanin)
- Coastal Storm Modeling System (CoSMoS) update from USGS (contact: Nadine Golden)
- Happy Whale App (Jeremy Goldbogen)

2019 RAP Meeting Schedule and Locations

Date	Host	Location
March 8	Pomeroy	Long Marine Lab, UC Santa Cruz
May 10	Wasson	Elkhorn Slough NERR, Watsonville
September 13	Lindley	NOAA Fisheries, Santa Cruz
November 1	Clark	Moss Landing Marine Laboratories