

**MBNMS Research Activity Panel
Meeting Summary
March 8, 2019**

Host: Carrie Pomeroy – Social Sciences (California Sea Grant Extension Program)

Location: Center for Ocean Health at Long Marine Lab
Library, Rm 201
115 McAllister Way
Santa Cruz, CA 95060

Date: Friday, March 8th, 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
	Biological Oceanography	alternate		
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
	Fisheries	primary	Lindley, Steve	NOAA Fisheries Service
	Fisheries	alternate	Owens, Brian	California Department of Fish and Wildlife
X	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.
X	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
X	Social Sciences	alternate	Scorse, Jason	Middlebury Institute of International Studies
X	Water Quality	primary	Hunt, John *	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:

Y	Burton, Erica	Monterey Bay National Marine Sanctuary
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GUESTS

Behl, Robert	Monterey Bay Marine Innovations Project
De Beukelaer, Sophie	Monterey Bay National Marine Sanctuary
Freiwald, Jan	Reef Check
Grady, Katherine	California Department of Fish and Wildlife
Lonhart, Steve	Monterey Bay National Marine Sanctuary
Parker, Lauren	NOAA Center for Coastal and Marine Ecosystems Fellow
Pavlock McAuliffe, Miya	NOAA Center for Coastal and Marine Ecosystems Fellow
Rootsaert, Keith	g2kr.com
Stegman, Bill	member of public

CONSENT ITEMS

Introductions/Modifications to the Agenda (John Hunt)

- John announced Chavez has retired from RAP; new member under consideration by membership committee
- Agenda items moved around to accommodate RAP member schedules

HOST PRESENTATION AND DISCUSSION

California Sea Grant Update (Carrie Pomeroy)

- Carrie provided overview of program, including news that Shauna Oh appointed Director of CA Sea Grant
- Carrie provided update on her recent research activities, including recent report, “Socioeconomic Guidance for Implementing the Marine Life Management Act”
- For more information, see: <https://caseagrants.ucsd.edu>

PRESENTATIONS REQUESTED BY RAP

Central California Urchin Removal and Kelp Restoration Project (Keith Rootsart/g2kr.com) (aka “Monterey urchins Scientific Collecting Permit and Proposed emergency regulatory language”)

- Keith provided overview of issue and project
- For more information, see: <https://g2kr.com/>

Use of Seal Bombs in California Fisheries (Jason Scorse)

- Jason commented on recent white paper by Amy Kerr and Jason Scorse, “The Use of Seal Bombs in California Fisheries”
- Paper available at:
<https://www.middlebury.edu/institute/sites/www.middlebury.edu.institute/files/2018-12/Seal%20Bombs%20in%20CA-%20Final.pdf>

Hydrodynamics and Morphodynamics of a Small Bar Built Estuary: the Carmel River (Mara Orescanin)

- Mara provided background of issue and recent research

Summary of December 14th (Monterey) and February 15th (Santa Cruz) Advisory Council Meetings (John Hunt)

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

ED RICKETTS MEMORIAL AWARD AND LECTURE

Ricketts Lecture Venue Options (Erica Burton)

- Erica solicited input on potential venues for the Ricketts lecture

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

- No decisions or actions

SUGGESTED FUTURE AGENDA ITEMS

- None

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)
- Demonstration and Feedback on CeNCOOS Data Portal (Patrick Daniel/CeNCOOS)
- Selecting Monitoring Indicators for MBON (Jennifer Brown/MBNMS)
- Advisory Council Spring 2019 recruitment

2019 RAP Meeting Schedule and Locations

Date	Host	Location
<i>January 11</i>		<i>CANCELED</i>
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
