

**MBNMS Research Activity Panel
Meeting Summary
September 8, 2017**

Host: Brian Owens – Fisheries (California Department of Fish and Wildlife)

Location: California Department of Fish and Wildlife
20 Lower Ragsdale Drive, Suite 100,
Monterey, CA 93940

Date: Friday, September 8th, 2017; 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	Chavez, Francisco	Monterey Bay Aquarium Research Institute
	Deep-Sea Environment	primary	Cailliet, Greg	Moss Landing Marine Laboratories (retired)
X	Deep-Sea Environment	alternate	Haddock, Steve †	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
	Marine Conservation Biology	primary	Goldbogen, Jeremy	Hopkins Marine Station
	Marine Conservation Biology	alternate	Micheli, Fiorenza	Hopkins Marine Station
	Nearshore Environment	primary		
	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
X	Social Sciences	primary	Pomeroy, Caroline	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:

X	Burton, Erica	Monterey Bay National Marine Sanctuary
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CONSENT ITEMS

Introductions/Modifications to the Agenda (John Hunt)

HOST PRESENTATION AND DISCUSSION

Research and Activities at California Department of Fish and Wildlife (Brian Owens)

- Brian provided overview of activities of the CDFW Marine Region, including: MPA monitoring and research; permitting in MPAs; fisheries-related research within MBNMS; and broad trends in commercial catches within MBNMS

MEETING UPDATES

Summary of June 16th (Cambria) and August 16th (Half Moon Bay) SAC Meetings (John Hunt)

- See SAC web page for meeting minutes: <https://montereybay.noaa.gov/sac/sacma.html>

RAP RESEARCH PRIORITIES

RAP Action Plan for Long-term Monitoring: Update (John Hunt)

- John provided brief summary of recent accomplishments including: memo finalized to provide to MBNMS staff and SAC; subcommittee met with west coast regional office director (Bill Douros) and MBNMS superintendent (Paul Michel)
- The following approaches were discussed:
 - Paul Michel would like RAP opinion on what is critical to monitoring and why
 - Identify issues in need of monitoring we're not thinking of
 - Provide nuggets of information that Paul Michel can report to SAC
 - Identify management decisions and questions to prioritize monitoring design
 - Use Condition Report as a vehicle
 - Use Condition Report habitats to stratify designs
 - RAP is the forum to drive partnerships
 - Staff can capture results in reports (e.g., ONMS Conservation Series)
 - Partner for portals (not original)
 - Staff role: assign MBNMS staff to key issues
 - RAP role: drive coordination of partnerships; solicit management questions
 - RAP meetings: Condition Report topics and monitoring (as agenda themes)
 - Subcommittees role: develop next Condition Report
 - Hunt and DeVogelaere to share notes and create action item for RAP

RAP MEMBERSHIP & RAP RESEARCH PRIORITIES

Three topics were rolled into one discussion (led by John Hunt), including the following:

1. RAP Meeting Schedule: Meeting Frequency
 2. RAP Membership: Reinvigoration and Recruitment
 3. RAP Focus Areas and Subcommittees
- John polled the RAP for ideas about meeting frequency, including pros & cons status quo (6 meetings per year) vs fewer meetings; thoughts on replacing non-attending members; and the creation of subcommittees to discuss topics that do not require expertise of all RAP disciplines (especially if fewer RAP meetings held per year)

- **ACTIONS:**
 - Five meetings will be held each year (Jan, Mar, May, Sept, Nov; removing July)
 - Subcommittees will be formed to discuss topics that do not require expertise of all RAP disciplines (however, all RAP members are welcome to participate)
 - Subcommittee topics may include:
 - Research Team Action Plan
 - Management Plan Update
 - Condition Report updates (with habitat focus at RAP meetings)
 - Coordination of Long-term Monitoring
 - DeVogelaere will reach-out to infrequent attendees to re-engage or ask for replacement suggestions

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

- CDFW (Owens): 5 recent retirements
- NPS (Orescanin): new faculty – Derek Olson, nearshore underwater acoustics
- CeNCOOS (DeVogelaere): no director at this time
- MLML (Clark): hiring for two positions – Chemical Oceanographer and Invertebrate Zoologist
- Sea Grant (Pomeroy): new Aquaculture Specialist (name not announced yet)

Future Agenda Items (running list):

- Coastal Rivermouth Lagoon inventory for state and central coast (Central Coast Wetlands Group/Ross Clark)
- MBNMS Budget and staffing, and trends (short topic; per Storlazzi)
- Long-term Monitoring
- Regional NMS foundation currently forming, request presentation from Michael Murphy (per Hunt)
- Socioeconomic benefits of science (per Scorse)
- MBNMS Management Plan: Research and Monitoring Activities (Prioritization)
- Data portals/products to inform management (MBON-Jenn Brown; ERDAP-Lynn deWitt)
- Mud Creek Slide (November 2017: Steve Lonhart/MBNMS)
- 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]

2017 RAP Meeting Schedule and Locations

Date	Host	Location
January 13	Micheli	Hopkins Marine Station
March 10	Cheriton	US Geological Survey
May 12	Wasson	Elkhorn Slough NERR
<i>July 14</i>		<i>canceled</i>
September 8	Owens	California Department of Fish and Wildlife
November 3	Pomeroy	Center for Ocean Health, UCSC