MBNMS Research Activity Panel
Meeting Agenda
September 13, 2024

Host: John Hunt
Water Quality (University of California, Davis)

Location: Virtual Meeting
(information available upon request; erica.burton@noaa.gov)

Date: Friday, September 13, 2024; 9:00 am to 12:00 pm

RAP Members:

Discipline	Member	Name	Institution
Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
Biological Oceanography	primary	Ruhl, Henry	Central and Northern California Ocean Observing System
Biological Oceanography	alternate	Kudela, Raphael	University of California, Santa Cruz
Deep-Sea Environment	primary	Cailliet, Greg	Moss Landing Marine Laboratories (retired)
Deep-Sea Environment	alternate	**Haddock, Steve†**	Monterey Bay Aquarium Research Institute
Estuarine Environment	primary		
Estuarine Environment	alternate	Wasson, Kerstin	Elkhorn Slough NERR and Foundation
Fisheries	primary	Lindley, Steve	NOAA Fisheries
Fisheries	alternate	Owens, Brian	California Department of Fish and Wildlife
Marine & Coastal Geology	primary	Wagner, Amy	California State University, Sacramento
Marine & Coastal Geology	alternate		
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	Orescanin, Mara	Naval Postgraduate School
Physical Oceanography	alternate	Connolly, Tom	Moss Landing Marine Laboratories
Shelf & Slope Environment	primary	Lindholm, James	California State University, Monterey Bay
Shelf & Slope Environment	alternate	Hazen, Elliott	NOAA Fisheries
Social Sciences	primary	Pomeroy, Carrie	University of California, Santa Cruz
Social Sciences	alternate	Scorse, Jason	Middlebury Institute of International Studies
Water Quality	primary	Hunt, John	University of California, Davis
Water Quality	alternate	Melwani, Aroon	Applied Marine Sciences, Inc.

*Sanctuary Advisory Council Member: Research (Primary)
†Sanctuary Advisory Council Member: Research (Alternate)

RAP Coordinator:

Erica Burton – Monterey Bay National Marine Sanctuary

IN REMEMBRANCE

9:00 Honoring Ross Clark

CONSENT ITEMS

9:15 – 9:30 Introductions/Modifications to the Agenda (Brandon Southall)

- New RAP Members

HOST PRESENTATION AND DISCUSSION

9:30 – 10:00 The Monterey Bay Area's Climate Resilience Regional Challenge Grant (John Hunt)

- Presentation (20 min)
- RAP Discussion (10 min)

ADVISORY COUNCIL UPDATE

10:00 – 10:20 Summary of August Advisory Council Meeting (Brandon Southall)

- Presentation (10 min)
- RAP Discussion (10 min)

BREAK: 10:20 – 10:30

ADVISORY COUNCIL UPDATE - continued

10:30 – 10:55 Advisory Council's Kelp Working Group Update (Libby Mohn/Sea Grant Fellow)

- Presentation (15 min)
- RAP Discussion (10 min)

PRESENTATION REQUESTED BY RAP

10:55 – 11:20 Sanctuary Futures Project: Projecting Changes to Habitat Suitability and Connectivity for Predators and Prey in California Sanctuaries (Elliott Hazen)

- Presentation (15 min)
- RAP Discussion (10 min)

ED RICKETTS AWARD AND LECTURE

11:20 – 11:35 2024 Ricketts Lecture & Criteria Subcommittee (Erica Burton)

- Presentation (10 min)
- RAP Discussion (5 min)

RAP MEMBERSHIP

11:35 – 11:45 RAP Member Terms (Erica Burton)

- Presentation (5 min)
- RAP Discussion (5 min)

QUICK UPDATES ON NEW HIRES AT INSTITUTIONS, AND FACILITY UPDATES

11:45 – 11:55 RAP Discussion (10 min)

SUGGESTED FUTURE AGENDA ITEMS
11:55 – 12:00 RAP Discussion (5 min)

ADJOURN: 12:00

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Future Agenda Items (running list):

- Update on seal bomb issue (requested by J.Scorse)
- WATER QUALITY UPDATES:
    - Trends in Benthic Community Composition in Monterey Bay: 2001 – 2020; 20-year time series of water and sediment quality monitoring by CCLEAN (requested by J.Hunt)
- SOCIAL SCIENCE TOPICS
    - Fishery disaster relief project: Dungeness and rock crab distributions (C.Pomeroy at December meeting)
- OFFSHORE WIND UPDATES:
    - Future updates on offshore wind energy (requested by J.Scorse)
    - More offshore wind energy and mapping fishing grounds (requested by C.Pomeroy)
    - Could include recent “Winds of Change” and/or summary of upcoming briefings at CA Coastal Commission, including risk assessment and effects of wind deployments on upwelling (Brandon Southall, Grace Chang, Kaus Ragukhumar could be speakers)
    - OPC monitoring recommendations on offshore wind (sponsored by California Marine Sanctuary Foundation; per B.Southall, *Dec. 2024*)
- KELP UPDATES:
    - Student Capstone on Human Dimension on kelp restoration at Tankers Reef at Monterey and Caspar Cove at Mendocino (suggested by C.Pomeroy)
    - Keith Rootsaert (Diving representative on Advisory Council) would like to present on kelp restoration efforts
    - CDFW kelp management by Dr. Kristen Elsmore (Brian Owens willing to invite)
- Update on red abalone recovery plan (per B.Owens)
- Suggestions from public (Robert Behl)
    - Lessons learned from MBA’s exhibit “Into The Deep”
    - New Naval Innovation Center building at NPS (How might the facility and the research/development facilitate local marine science?)
    - Tour of MBARI’s R/V *David Packard*
- Dr. Jenny Selgrath's paper on 200 years of kelp forest history in Monterey Bay (*Dec. 2024*)

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2024 RAP Meeting Schedule
(Quarterly meetings, 2nd Friday of month)

Date	Host / Research Update	Location
March 8	Micheli	Virtual Meeting
June 14	Scorse	Virtual Meeting
September 13	Hunt	Virtual Meeting
December 13	Southall	TBD: MLML / Hybrid