

**MBNMS Research Activity Panel
Meeting Agenda
September 13, 2019**

Host: Steve Lindley – Estuarine Ecology (NOAA Fisheries Service)

Location: NOAA Fisheries Service
110 McAllister Way
Santa Cruz, CA

(NOTE: see parking directions at link below)

Date: Friday, September 13th, 2019; 9:00 am to 12:00 pm

Members:

| | Discipline | Primary/ Alternate | Name | Institution |
|--|-----------------------------|-------------------------------|-------------------------|--|
| | Research Coordinator | | DeVogelaere, Andrew | Monterey Bay National Marine Sanctuary |
| | Biological Oceanography | primary | Kudela, Raphael | University of California, Santa Cruz |
| | Biological Oceanography | alternate | Ruhl, Henry | Central and Northern California Ocean Observing System |
| | 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 | 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, Carrie | California Sea Grant Extension Program |
| | Social Sciences | alternate | Scorse, Jason | Middlebury Institute of International Studies |
| | 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:

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| Burton, Erica | Monterey Bay National Marine Sanctuary |
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CONSENT ITEMS

9:00 – 9:10 Introductions/Modifications to the Agenda (John Hunt)

HOST PRESENTATION AND DISCUSSION

9:10 – 9:40 Marine Heatwave Causes Habitat Compression Impacting Forage Species, Crab Fishery Timing and Record Whale Entanglements (Dr. Jarrod Santora, UCSC and NMFS)

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

SANCTUARY ADVISORY COUNCIL UPDATE

9:40 – 10:00 Summary of June 21st (Cambria) and August 15th (Half Moon Bay) Advisory Council Meetings (John Hunt)

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

PRESENTATION REQUESTED BY RAP

10:00 – 10:30 Update on Coastal Storm Modeling System (CoSMoS; Patrick Barnard)

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

BREAK

10:30 – 10:50

PRESENTATION REQUESTED BY RAP

10:50 – 11:30 Pros and Cons of Drone Usage in MBNMS (MBNMS staff)

- Presentation (10 min)
- RAP Discussion (30 minutes)

MEETING UPDATES

11:30 – 11:40 Ed Ricketts Memorial Award and Lecture

- Presentation (5 min)
- RAP Discussion (5 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

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
- Happy Whale App (Jeremy Goldbogen)
- California Collaborative Fisheries Research Program (CCFRP), and MPA monitoring and synthesis of historic data sets in MBNMS (Mark Carr and Rick Starr)
- Microplastics: How an under-funded marine science community deals with a significant new problem
 - Microplastics and seabirds (chemical cues; Matt Savoca/Hopkins Marine Station)
 - Choy et al (MBARI)
 - NOAA’s Marine Debris Program (Sherry Lippiatt)
- Invite research representative of GFNMS Advisory Council (John Largier)

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 |

RAP Meeting Location (9/13/19):

NOAA Fisheries Service
 110 McAllister Way
 Santa Cruz, CA

Driving and **PARKING Directions for RAP meeting:**

<https://swfsc.noaa.gov/textblock.aspx?Division=FED&id=1587&ParentMenuId=54>
