MBNMS Research Activity Panel
Meeting Agenda
July 8, 2011

Hosts: Mark Carr – Nearshore Ecology (University of California, Santa Cruz)
    Caroline Pomeroy – Social Sciences (California Sea Grant)

Location: Long Marine Lab
    Center for Ocean Health Library, Rm 201
    100 Shaffer Road
    Santa Cruz, CA

Date: Friday, July 8th, 2011; 9:00 am to 12:00 pm

Members:

<table>
<thead>
<tr>
<th>Name</th>
<th>Discipline</th>
<th>Institution</th>
<th>Primary/Alternate</th>
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<tr>
<td>Abeles, Adina</td>
<td>Marine Policy</td>
<td>Center for Ocean Solutions</td>
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<td>Deep-Sea Ecology</td>
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<td>Biological Oceanography</td>
<td>Monterey Bay Aquarium Research Institute</td>
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<td>David, Aimee</td>
<td>Marine Policy</td>
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<td>DeVogelaere, Andrew</td>
<td>Research Coordinator</td>
<td>Monterey Bay National Marine Sanctuary</td>
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<td>Epel, David</td>
<td>Water Quality</td>
<td>Hopkins Marine Station</td>
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<td>Wasson, Kerstin</td>
<td>Estuarine Ecology</td>
<td>Elkhorn Slough NERR and Foundation</td>
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*Sanctuary Advisory Council Member: Research (Primary)
†Sanctuary Advisory Council Member: Research (Alternate) - Vacant

RAP Coordinator:

Burton, Erica Monterey Bay National Marine Sanctuary
CONSENT ITEMS
09:00 – 09:10 Introductions/Modifications to the Agenda (Harrold)

HOST PRESENTATIONS AND DISCUSSION
09:10 – 09:15 California Sea Grant Program Update (Pomeroy)
• Presentation (5 min)

09:15 – 09:40 Integrated Baseline and Monitoring Studies of California's Network of Marine Protected Areas (Carr)
• Presentation (15 min)
• RAP Discussion (10 min)

STAFF REQUEST TO RAP
RAP RESEARCH PRIORITIES: Ecosystem-Based Management Initiative
09:40 – 10:40 Research Areas Workshop Follow-up (John Hunt/MBNMS)
• Presentation (30 min)
• RAP Discussion (30 min)

BREAK
10:40 – 10:55

RAP RESEARCH PRIORITIES: Ocean Acidification
10:55 – 11:15 List of Ocean Acidification Research within MBNMS (Burton)
• Presentation (10 min)
• RAP Discussion (10 min)

STAFF REQUEST TO RAP
11:15 – 11:30 2012 Sanctuary Currents Symposium Theme Ideas (Burton)
• Presentation (5 min)
• RAP Discussion (10 min)

SANCTUARY RESEARCH UPDATE
11:30 – 11:50 Sanctuary Research Update (DeVogelaere)
• Presentation (10 min)
• RAP Discussion (10 min)

SANCTUARY ADVISORY COUNCIL UPDATE
None

SUGGESTED FUTURE AGENDA ITEMS
11:50 – 12:00

ADJOURN
12:00
Future Agenda Items (running list):

- Communication Partnership for Science and the Sea (COMPASS)
- Data integration across monitoring programs (e.g., water quality, PISCO, MARINe, IOOS), and availability to the public
- Recent event: Supreme Court allows Navy Sonar (per John Hunt)
- Predicting sea level rise for the state of California (Larry Breaker, JPL, OPC)
- National Weather Service Forecast Office (Tom Evans, Warning Coordination Meteorologist)
- EBMI/IEA
  - IEAs, including those that have been implemented (e.g., Phil Levin, Frank Schwing, John Stein; per Yoklavich)
- MPAs
  - State MPA monitoring projects (e.g., Jason Vasques)
- Ken Johnson work in Elkhorn Slough (per McPhee-Shaw)
- Marine Policy issues (Sacramento; D.C.) that may need science input (per Ramp; Aimee David volunteered; or Adina Abeles)
- Climate Change
  - Rather than MBNMS tackle all climate change topics, perhaps let GFNMS/CBNMS continue as lead on climate change issues (per DeVogelaere), and request the following presentations:
    - GFNMS/CBNMS Ocean Climate Initiative (speaker: Higgason)
    - GFNMS/CBNMS Climate Change Impacts Report (speaker: Largier)
  - Perhaps tackle what GFNMS/CBNMS not working on (e.g., low oxygen; per Kudela)
  - Storlazzi is willing to help organize a general meeting on climate change science; State of the Science of climate change; adaptation plans; Perhaps MBCORC hosts a 1 or 2 day science meeting
    - CA coast (Lisa Sloan, UCSC; sea level rise, Breaker)
    - High-res climate models of CA (UCSC; or Dan Cayan or Dettinger/USGS)
    - What differences MBNMS might observe (per Starr)
    - NOAA Coastal Services Center putting together climate adaptation visualization tool (per Hunt)
- Beach COMBERS Program
  - How Beach COMBERS program linked to oil spill response (GFNMS) and how Beach COMBERS data fits into response (per Hunt)
- How is MBNMS and region involved and/or linked to NOAA’s Coastal and Marine Spatial Planning effort (per Lindholm)
- Desalination update (per Abeles); things have changed since Brad Damitz talked to the RAP; speaker: Carol Reeb (Hopkins)
## 2011 RAP Meeting Schedule and Locations

<table>
<thead>
<tr>
<th>Date</th>
<th>Host</th>
<th>Location</th>
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<tbody>
<tr>
<td>January 14</td>
<td>Lindholm</td>
<td>CSU Monterey Bay</td>
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<td>March 11</td>
<td>Scorse</td>
<td>Monterey Institute of International Studies</td>
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<td>May 13</td>
<td>Haddock</td>
<td>Monterey Bay Aquarium Research Institute</td>
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<tr>
<td>July 8</td>
<td>Pomeroy/Carr</td>
<td>Long Marine Lab, UC Santa Cruz</td>
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<td>September 9</td>
<td>Harrold</td>
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<td>November 18</td>
<td>Starr</td>
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**RAP Meeting Location (07/8/11):**
Long Marine Lab
Center for Ocean Health Library, Rm 201
100 Shaffer Road
Santa Cruz, CA

Directions to Room 201: Enter through main entrance of Center for Ocean Health Building, walk up stairs, turn left, first room on left

Driving Directions:
[http://ims.ucsc.edu/lml.html](http://ims.ucsc.edu/lml.html)

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