

**MBNMS Research Activity Panel
Meeting Summary
July 11, 2008**

Host: Greg Cailliet – Deep-Sea Ecology (Moss Landing Marine Laboratories)

Location: Moss Landing Marine Laboratories
Seminar Room
8272 Moss Landing Road
Moss Landing, CA 95039

Date: Friday, July 11th, 2008; 9:00 am to 12 pm

MEMBERS:

	Discipline	Primary/ Alternate	Name	Institution
X	Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
X	Biological Oceanography	primary	Chavez, Francisco	Monterey Bay Aquarium Research Institute
	Biological Oceanography	alternate	Kudela, Raphael	University of California, Santa Cruz
X	Deep-Sea Ecology	primary	Cailliet, Greg	Moss Landing Marine Laboratories
	Deep-Sea Ecology	alternate		
	Estuarine Ecology	primary	Wasson, Kerstin	Elkhorn Slough NERR and Foundation
X	Estuarine Ecology	alternate	Van Dyke, Eric	Elkhorn Slough NERR and Foundation
	Fisheries	primary	Grimes, Churchill	NOAA Fisheries Service
	Fisheries	alternate	Coulston, Pat	California Department of Fish & Game
	Marine & Coastal Geology	primary	Storlazzi, Curt	United States Geological Survey
	Marine & Coastal Geology	alternate	Paull, Charles	Monterey Bay Aquarium Research Institute
X	Marine Conservation Biology	primary	Harrold, Chris*	Monterey Bay Aquarium
	Marine Conservation Biology	alternate	Micheli, Fiorenza	Hopkins Marine Station
X	Marine Policy	primary	Faurot-Daniels, Ellen	California Coastal Commission
X	Marine Policy	alternate	Sharp, Gary	Center for Climate/Ocean Resources Study
	Nearshore Ecology	primary		
X	Nearshore Ecology	alternate	Carr, Mark	University of California, Santa Cruz
	Physical Oceanography	primary	McPhee-Shaw, Erika	Moss Landing Marine Laboratories
	Physical Oceanography	alternate		
X	Shelf & Slope Ecology	primary	Yoklavich, Mary	NOAA Fisheries Service
X	Shelf & Slope Ecology	alternate	Starr, Rick	California Sea Grant Extension Program
X	Social Sciences	primary	Pomeroy, Caroline	California Sea Grant Extension Program
	Social Sciences	alternate	Kildow, Judith	Monterey Bay Aquarium Research Institute
X	Water Quality	primary	Epel, David	Hopkins Marine Station
	Water Quality	alternate	Hunt, John	University of California, Davis

*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate) – VACANT

GUESTS:

	Name	Institution
X	Abeles, Adina	COMPASS; Hopkins Marine Station
X	Airamé, Satie	PISCO; University of California, Santa Barbara
X	Burton, Erica	Monterey Bay National Marine Sanctuary
X	Coale, Kenneth	Moss Landing Marine Laboratories
X	Essert, Chris	Public
X	Malone, Dan	PISCO; University of California, Santa Cruz
X	Pederson, Josh	Monterey Bay National Marine Sanctuary
X	Ramp, Steve	CeNCOOS/MBARI
X	Saarman, Emily	PISCO; University of California, Santa Cruz
X	Stevens, Melissa	California Sea Grant Extension Program
X	Vasques, Jason	California Department of Fish and Game
X	Wooninck, Lisa	Monterey Bay National Marine Sanctuary

CONSENT ITEMS**Introductions/Modifications to the Agenda (Chris Harrold)**

- Agenda modified: SAC meeting debrief moved up to follow Channel Island Monitoring presentation

PRESENTATIONS**MLML Development and Sustainable Fisheries in Moss Landing (Kenneth Coale/MLML)**

- Kenneth gave an overview of the following:
 - Moss Landing Marine Laboratories (MLML) Research;
 - Decommissioning of R/V *Pt Sur* in 2011 and competition for new UNOLS vessel;
 - Plans for use and development of MLML properties;
 - Promoting and marketing sustainable fisheries at newly acquired property (Del Mar Seafoods);
 - Promoting environmental literacy through the CSU Council on Ocean Affairs Science and Technology (COAST)

The First Five Years of Ecological and Socioeconomic Monitoring in the Channel Islands Marine Protected Areas Network (Satie Airamé/PISCO at UCSB)

- Satie discussed the history of the Channel Islands MPA process; and the monitoring results of the state MPAs established in 2003 (10 marine reserves, 2 marine conservation areas)
- www.dfg.ca.gov/marine/channel_islands/specialsession.asp

DISCUSSION ITEMS**SAC Meeting Debrief (Chris Harrold and Lisa Wooninck/MBNMS)**

- Chris gave a brief overview of the MBNMS's decision to move forward with the process to propose MPAs in federal waters of the MBNMS

- At the June SAC meeting, Lisa Wooninck presented a planning process for moving ahead, including 16 concepts
- Paul Michel is requesting feed-back on these process concepts by July 15, 2008
- Chris provided the RAP with the concepts (email and at meeting), and requested feedback; RAP members provided comments at the meeting
- **Action** – RAP members can submit other comments via email

SIMoN Web Updates (Josh Pederson/SIMoN)

- Josh presented updates to the SIMoN website, including the new regional SIMoN webpages (includes Cordell Bank, Gulf of the Farallones, and Monterey Bay NMS)
- <http://sanctuarysimon.org>
- Josh also presented the IOOS Observation Registry website (described as “A phone book of Observation Platforms”); includes ~750 non-federal platforms; working towards incorporating federal assets
- <http://obsregistry.org>

RAP Membership Update: Vacant Seats (Chris Harrold)

- Nominations for three open seats are currently being reviewed by the Selection Committee [RAP Chair (Harrold), volunteer RAP member (Storlazzi), Research Coordinator (DeVogelaere), Superintendent (Michel), and SAC Chair (Harrold)]
 - Fisheries – alternate
 - Nearshore Ecology – primary
 - Physical Oceanography – alternate
- The Deep-Sea Ecology alternate seat remains open without a viable nomination
- http://montereybay.noaa.gov/research/RAPhistory/rap_policies.html
- Applications for SAC Research Alternate (RAP Vice-Chair) are in review by Superintendent and SAC
 - <http://montereybay.noaa.gov/intro/advisory/chartprot.html>

SUGGESTED FUTURE AGENDA ITEMS

- No additional agenda items suggested

Future Agenda Items (running list):

- Water Quality
 - Findings on tracking pathogens in sea otters and connection to FW flows (CDFG, UC Davis?)
 - Critical coastal areas presentation (ASBS, areas water quality impaired, areas in good state; Ross Clark)
- SIMoN
 - SIMoN: future monitoring (JMPR or beyond)
 - SIMoN Special Status Species Project (Jennifer Brown)
 - Linking SIMoN to management (Amber Szoboszlai)
- MPAs
 - CINMS MPA evaluation (Mark Carr/NCEAS)
 - MPA science synthesis – MLPA (Mark Carr)
 - MPA monitoring projects (Jason Vasques)
- Coastal armoring and coastal erosion (Ed Thornton)
- Communication Partnership for Science and the Sea (COMPASS)
- Wave Model Development and Implementation (Paul Wittmann/Fleet Numerical)
- Light Brown Apple Moth (LBAM) spraying
 - LBAM spraying: MBNMS response (Bridget Hoover); Physical properties & testing (John Hunt); Impacts to marine resources (Raphe Kudela) --- (SEPTEMBER?)
 - LBAM spraying (requested by Judith Kildow) - Aquatic/marine research issues & impacts? (Henric Kbiek; Ingrid Parker)
- Mystery Spill November 2007: Raphe Kudela, John Ryan, Steve Ramp, or Heather Kerkering
- Ocean Science Summit: Judith Kildow (SEPTEMBER)
- Pelagic Shark Research Foundation Update: Sean Van Sommeran (SEPTEMBER)

2008 RAP Meeting Schedule and Locations

Date	Host	Location
January 11	Harrold	Monterey Bay Aquarium
March 14	Carr	Long Marine Lab, UCSC, Santa Cruz
May 9	Wasson	Elkhorn Slough NERR
July 11	Cailliet	Moss Landing Marine Laboratories
September 12	Coulston	CDFG, Monterey
November 14	Storlazzi	USGS, Santa Cruz
