# 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 11<sup>th</sup>, 2008; 9:00 am to 12 pm

### **MEMBERS:**

		Primary/		
	Discipline	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

<sup>\*</sup>Sanctuary Advisory Council Member: Research (Primary)

<sup>†</sup>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:
  - o Moss Landing Marine Laboratories (MLML) Research;
  - o Decommissioning of R/V Pt Sur in 2011 and competition for new UNOLS vessel;
  - o 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)]
  - o Fisheries alternate
  - o Nearshore Ecology primary
  - o 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
  - o http://montereybay.noaa.gov/intro/advisory/chartprot.html

### SUGGESTED FUTURE AGENDA ITEMS

• No additional agenda items suggested

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### **Future Agenda Items (running list):**

- Water Quality
  - Findings on tracking pathogens in sea otters and connection to FW flows (CDFG, UC Davis?)
  - o Critical coastal areas presentation (ASBS, areas water quality impaired, areas in good state; Ross Clark)
- SIMoN
  - o SIMoN: future monitoring (JMPR or beyond)
  - o SIMoN Special Status Species Project (Jennifer Brown)
  - o Linking SIMoN to management (Amber Szoboszlai)
- MPAs
  - o CINMS MPA evaluation (Mark Carr/NCEAS)
  - o MPA science synthesis MLPA (Mark Carr)
  - o 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?)
  - o 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)

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### **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