

**MBNMS Research Activity Panel
Meeting Summary
January 2006**

Host: Monterey Bay Aquarium Research Institute
Location: MBARI - Pacific Forum
Date: Friday, January 13th, 2006; 9 am to 12 pm

Members PRESENT:

	Name	Institution
X	Cailliet, Greg	Moss Landing Marine Laboratories
X	Chavez, Francisco	Monterey Bay Aquarium Research Institute
X	DeVogelaere, Andrew (RAP Coordinator)	Monterey Bay National Marine Sanctuary
X	Faurot-Daniels, Ellen	California Coastal Commission
X	Grimes, Churchill	NOAA/National Marine Fisheries Service
X	Harrold, Chris (RAP Chair)	Monterey Bay Aquarium
X	Micheli, Fiorenza	Hopkins Marine Station
X	Moore, Steve (RAP Vice-Chair)	California State University, Monterey Bay
X	Paull, Charles	Monterey Bay Aquarium Research Institute
X	Sharp, Gary	Center for Climate/Ocean Resources Study
X	Storlazzi, Curt	United States Geological Survey
X	Tokmakian, Robin	Naval Postgraduate School
X	Wasson, Kerstin	Elkhorn Slough NERR

Members ABSENT:

	Name	Institution
	Carr, Mark	UC Santa Cruz
	Clark, Ross	California Coastal Commission
	Costa, Dan	UC Santa Cruz
	Epel, David	Hopkins Marine Station
	Greene, Gary	Moss Landing Marine Laboratories
	Harvey, Jim	Moss Landing Marine Laboratories
	King, Aaron	Institute for MPA Science
	Pomeroy, Caroline	California Sea Grant
	Rosenfeld, Leslie	Naval Postgraduate School
	Starr, Rick	California Sea Grant
	Van Dyke, Eric	Elkhorn Slough NERR
	Wahle, Charles	Institute for MPA Science
	Yoklavich, Mary	NOAA/National Marine Fisheries Service

Guests:

	Name	Institution
X	Anglin, Lorraine	Sea Grant/MBNMS
X	Bellingham, Jim	Monterey Bay Aquarium Research Institute
X	Curtin, Tom	Office of Naval Research
X	Hall, Deirdre	Monterey Bay National Marine Sanctuary
X	Paduan, Jeff	Naval Postgraduate School
X	Shoffel, Bill	Office of Naval Research
X	Van Sommeron, Sean	Pelagic Shark Research Foundation
X	Wills, Greg	Scripps Institution of Oceanography

CONSENT ITEMS

Introductions/modifications to the agenda (Chris Harrold)

PRESENTATIONS

2000, 2003, 2006 Observing Monterey Bay (Jim Bellingham/MBARI & Tom Curtin/ONR)

- 2003 Field Program – Multi-institution, many observation assets; modeling with very recently collected data; up to two months of measurements; eventually to predict what is happening in the ocean environment; in an applied sense, would allow prediction of spill trajectories; the Autonomous Ocean Sampling Network web page can be found at <http://www.mbari.org/aosn/>
- The data sharing model of this project could be a precursor to IOOS
- **Action** - There may be a possibility to link this 2006 project with Sanctuary West Coast Obs. Because the existing program has no close to shore measurements
- MB 06 project will be a larger scale project than the 2003 effort, with end goals of environmental now casting, and finding/tracking and detecting discrete objects (e.g., fish, submarines); developing a database system that can handle and share the data is key; the operational area is between the Santa Cruz and Pescadero Marsh region, north of Monterey Bay
- For permitting, the project team is developing a spreadsheet of instruments in the water, and potential impacts
- **Action** - Jim Bellingham will email web addresses of potential collaborative relevant to wave modeling with USGS and fish surveys by NMFS
- **Action** - It may be good to do a Mac II biological survey at the same time as the MB06 project (turtles? birds? whales?)

DISCUSSION ITEMS

Sanctuary Currents (Chris Harrold & Andrew DeVogelaere)

- Date: March 4 at CSUMB
- Program Overview: MPAs, SIMoN update
 - Ecosystem function
 - Research into MPAs

- Community perspectives
- Creating a network of MPAs in CA (MLPA/National MPA Center)
- Ricketts Lecture Award
 - The email vote is due January 19
- Science Award
 - **Action** - Send out criteria, ask for paragraphs, due date
- Poster Session
 - Posters abstracts due January 20

RAP Information Binder (Andrew DeVogelaere)

- **Action** - RAP information binders have to be sent out to RAP members and alternates not present at the meeting
- **Action** - Send the RAP members an electronic file of the permit summary in the binder
- **Action** - RAP members want bulleted notes up on web within 2 weeks

RAP Membership Refinement (Chris Harrold)

- **Action** - Review Research Priorities of Sanctuary to RAP- DeVogelaere do it; followed by a discussion of how it should be modified, need to know assets available. Then RAP members say what they think the priorities are.
- RAP wants to discuss priorities of Sanctuary research before addressing membership

UPDATES

MLPA update

- see <http://www.dfg.ca.gov/mrd/mlpa/index.html>

SAC update (Chris Harrold)

SUGGESTED FUTURE AGENDA ITEMS

Past, Current, and Future Agenda Items:

- ~~Status of research permits in the sanctuary~~
- ~~Update on Sanctuary Currents~~
- Designation of RAP members and alternates/attendance
- COAST Hyperspectral Ocean Color project - Raphael Kudela could give the RAP an update on this new system that may come into the Monterey Bay region
- PaCOOS (Grimes and Chavez) and CeNCOOS updates
- What are the current MBNMS Research Priorities
- Half-hour more detailed updates on item within the RAP binder
- Update from MBNMS staff on effectiveness of water quality protection programs
- Update from John Stephens, Adjunct Professor at Cal Poly, on his southern MBNMS (Cambria) studies
- ~~Impacts of Benthic Trawling: Needs of the MBNMS~~
- ~~Status of the Ocean Observatory system~~

- ~~Implementation of the new RAP Purpose and Protocols~~
- ~~Marine reserves and MPA update~~
