

Sanctuary Advisory Council Challenge 2019

Research



Research Members on the Advisory Council

John Hunt *(with Bonito)*

Primary

Research Toxicologist

Environmental Toxicology at UC Davis

MPSL at Granite Canyon

(Water Quality)



Steven Haddock

Alternate

Senior Scientist

Monterey Bay Aquarium Research Institute

Jellywatch.org

(Deep-Sea Environment)



Communication with Constituents

- Sanctuary Currents Symposium (past) with ~ 300 attendees each year
- Ricketts Lecture (currently exploring formats and venues)
- Possible future Currents-like symposia
- Requests for information to report to the Advisory Council
- Outreach through the Research Activity Panel (RAP)
- Five RAP meetings per year

(9:00 to 12:00 on 2nd Fridays every other month)

Communication with Advisory Council and Staff

Frequent Contact with MBNMS Staff

- Research Coordinator (Andrew DeVogelaere), RAP Coordinator (Erica Burton)
- Staff and Managers on special topics

Discussions with and Memos to SAC and Management

- Advisory Council Officers
- Superintendent (Paul Michel) and West Coast Regional Director (Bill Douros)

Feedback on Staff Presentations at RAP meetings

Management Plan Review and Recommendations

Response to SAC Requests

Research Activity Panel

Biological Oceanography

Raphael Kudela, UC Santa Cruz

Henry Ruhl, CeNCOOS Program Office

Deep-Sea Environment

Gregor M. Cailliet, ML Marine Laboratories

Steven Haddock, MBARI

Estuarine Environment

Ross Clark, Central Coast Wetlands Group

Kerstin Wasson, Elkhorn Slough NERR

Fisheries

Steve Lindley, NOAA Fisheries

Brian Owens, California Fish and Wildlife

Marine & Coastal Geology

Nadine Golden, U.S. Geological Survey

Charles Paull, MBARI

Marine Conservation Biology

Jeremy Goldbogen, Hopkins Marine Station

Fiorenza Micheli, Hopkins Marine Station

Research Activity Panel

Nearshore Environment

Brandon Southall, SEA, Inc.
Mark Carr, UC Santa Cruz

Physical Oceanography

Olivia M. Cheriton, U.S. Geological Survey
Mara Orescanin, Naval Postgraduate School

Shelf & Slope Environment

James Lindholm, CSU Monterey Bay
Susan Sogard, NOAA Fisheries (retired)

Social Sciences

Caroline Pomeroy, California Sea Grant
Jason Scorse, MIIS at Monterey

Water Quality

John Hunt, UC Davis
Bridget Hoover, MBNMS

Recent RAP Meeting Agenda Topics

- Summary of Advisory Council Meetings (every agenda)
- Management Plan Review (recurring)
- ✓ Long-term Monitoring: Water Quality
- Current Condition of River Mouth Estuaries Flowing to Monterey Bay
- 2018 MBNMS Ship Time: *Bell M. Shimada* and *Nautilus*
- Research Activities at MBARI
- Ship Strikes in Sanctuaries: New Mortality Model
- Elkhorn Slough NERR Research Update
- ✓ Long-term Monitoring: Interactive effects of climate change and other stressors
- Scientific Collecting Permits Program update
- Marine Protected Area Monitoring Action Plan
- Aquaculture Program at MLML
- Discussion of Sound Related Research in MBNMS
- CeNCOOS Director Update
- California Sea Grant Extension Update
- Use of Seal Bombs in California Fisheries
- Central California Urchin Removal and Kelp Restoration Project
- Carmel River Breaching