Gulf of the Farallones National Marine Sanctuary Ocean Climate Center

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Gulf of the Farallones National Marine Sanctuary
Advisory Council Meeting
December 9, 2010
ONMS Site Scenario

Template

OCEAN CLIMATE CENTER

Ribbon-cutting held October 26, 2010
Announced DOI/NOS Letter of Intent for Bay Area offices to work collaboratively on climate change and GFNMS/USGS/PRBO partner project; provided tours of facility highlighting green features; set up mock exhibits for exhibit area

Center’s Goal
Address climate change impacts to the North-central California coast and ocean through fostering awareness, advocating solutions, and promoting action in order to build ecosystem resilience and sustainability
Objectives

1. Address the affects of climate change on the sanctuary and surrounding marine region through partnerships, research collaborations, outreach and education and policy actions;

2. Act as an oceans and climate change communication center for the Bay Area, which will include a public exhibit area;

3. Manage sanctuary ecosystems for resiliency;

4. Promote green operations and facilities; and

5. Work within NOAA and with other Bay Area agencies and organizations to form an alliance to share resources and knowledge.
Preparing for SLR and Storm Surge Along the San Francisco Bay Areas Outer Coast

Project Objectives
- Assess vulnerabilities to SLR & storm surge and stakeholder information needs from Point San Pedro to Point Reyes.
- Map vulnerabilities at the scale necessary for management.
- Communicate the findings in accessible, user-friendly formats to apply to local adaptation and response strategies.

Project Team
- PI constructing seamless digital elevation model (USGS)
- Co-PI developing web-based tools and interactive maps (PRBO)
- Project Coordinator leading stakeholder participatory process & project management (GFNMS)

Staffing
Green Operations: Reducing Our Carbon Footprint
Working group developed over 130 strategies:
http://farallones.noaa.gov/about/facilities.html

Research and Monitoring
Est. working group of local scientists: identify gaps, develop strategies, identify leads/partnerships to implement

Adaptive Management and Policy
Est. working group: identify local planning obstacles, develop strategies and collaborative outcomes

Education and Outreach
Internal staff team and partner review: exhibits, school programs, seminars
FOR MORE INFORMATION VISIT
http://farallones.noaa.gov/eco/climate/climate.html