

# Gulf of the Farallones National Marine Sanctuary Ocean Climate Center

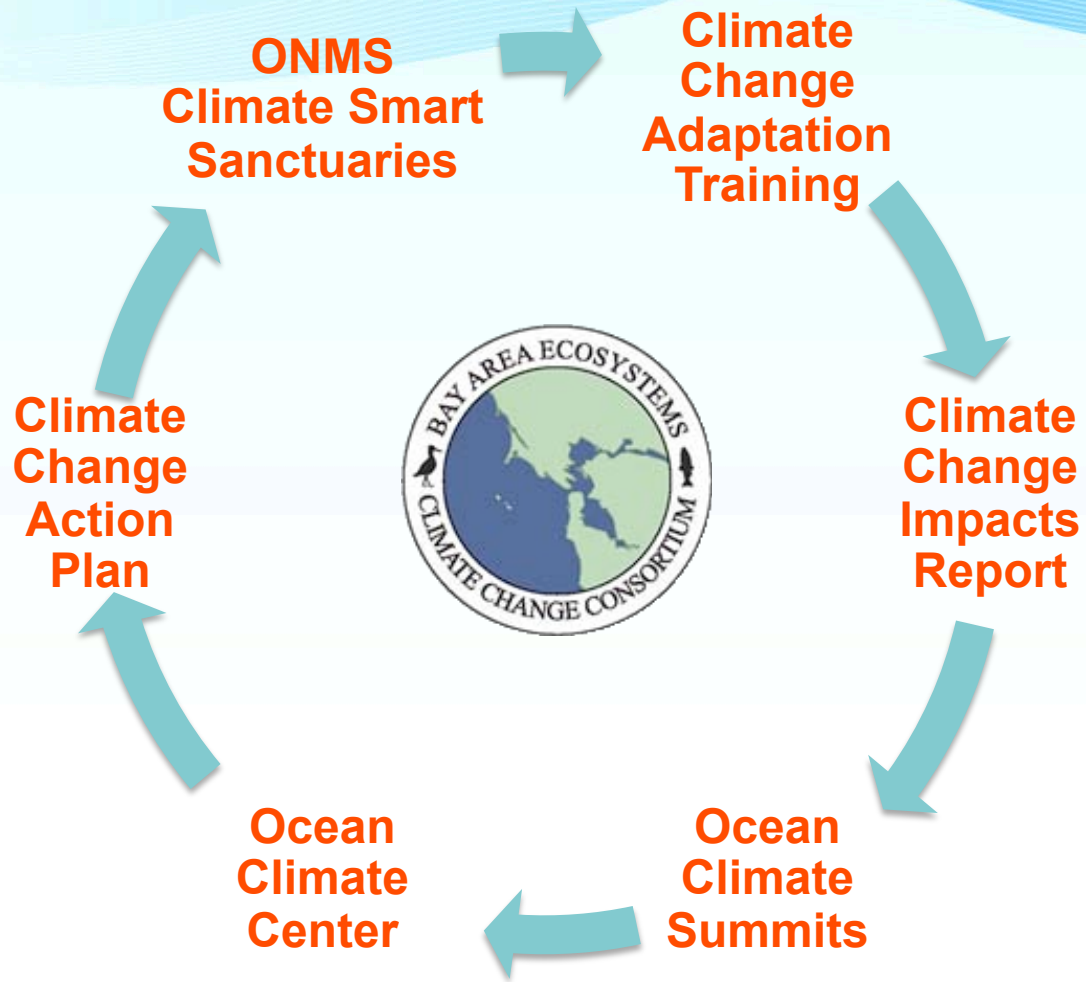
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Gulf of the Farallones National Marine Sanctuary  
Advisory Council Meeting

December 9, 2010



# OCEAN CLIMATE INITIATIVE OVERVIEW



# 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



# OCEAN CLIMATE CENTER

## 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 Team



## Staffing

- 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)

## 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.

# OCEAN CLIMATE ACTION PLAN



## **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

# THANK YOU!

**FOR MORE INFORMATION VISIT**

<http://farallones.noaa.gov/eco/climate/climate.html>



**Climate and its influence on evolution.  
A theory.**