

# MPA Center Update

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Big Branch Marsh National Wildlife Refuge

# Global commitments on MPA networks (Aichi 11)

By 2020...at least **10% of coastal and marine areas**, especially areas of particular importance for biodiversity and ecosystem services, are conserved through **effectively and equitably managed** ecologically representative and well connected systems of protected areas and **other effective area-based conservation measures**, and **integrated into the wider landscapes and seascapes**

# MPA Center Niche

- Capacity building – technical assistance and training
- Stakeholder engagement – through Federal Advisory Committee and other mechanisms
- Syntheses, information and tools



# Capacity Building



# Capacity Building - National System

- New MPA Webinar Series
- MPA Peer to Peer Network session at George Wright Society
- Planning for Cultural Resources Handbook (web-based)
- Partnership with University of Michigan on community-based tool and information for MPAs



# Capacity Building – Tribal

## Characterizing Tribal Cultural Landscapes Project

- Funded by BOEM
- Develop a tool describing best practices for tribes to identify and communicate areas of significance
- Case studies from three west coast tribes (WA, OR, CA) demonstrating how to use this tool
- Tribes implement case studies and retain information
- Can help fill a critical data gap in ocean planning and management

# Capacity Building – International

- Stronger linkages with IUCN, international efforts
- Continued partnership with North American MPA Network
- First listing of US MPA Sites under Cartagena Convention – SPAW Protocol (Greater Caribbean)
- Providing Science Fellow to Portugal to enhance MPA management
- Planning for International MPA Congress (Oct 2013)



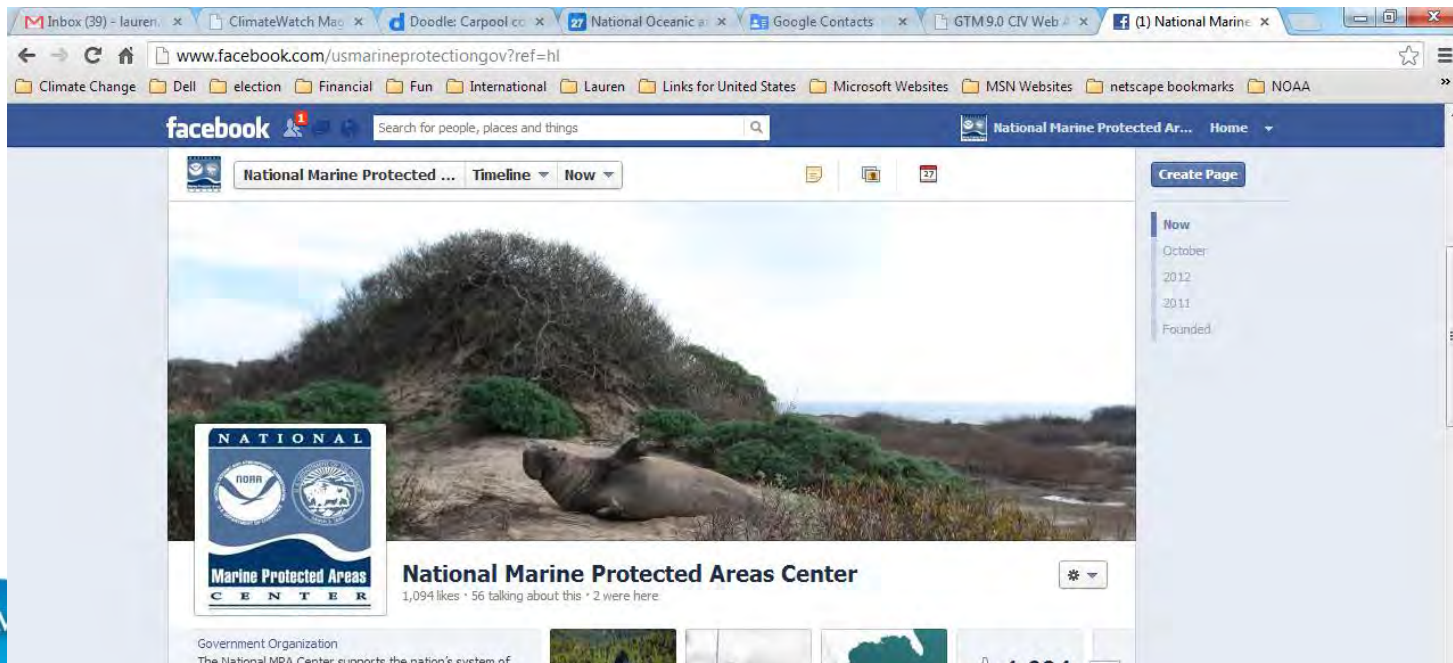
# Communication & Stakeholder Engagement





# Stakeholder Engagement

- Developed and shared coordinated messages about MPAs with MPA programs
- Working with aquaria on Coastal Journeys – partnerships with local MPAs
- Collaboration with Open Channels website
- Social media (1000+ on Facebook)



# Synthesis, Information & Tools



# MPA Inventory

- Developing “Inventory Stories” on climate change, marine debris, etc.
- New information on MPA resources

# U.S. West Coast MPA sites vulnerable to sea level rise

Labelled Sites have 4 - 6 resource groups present:

Resource Groups listed:

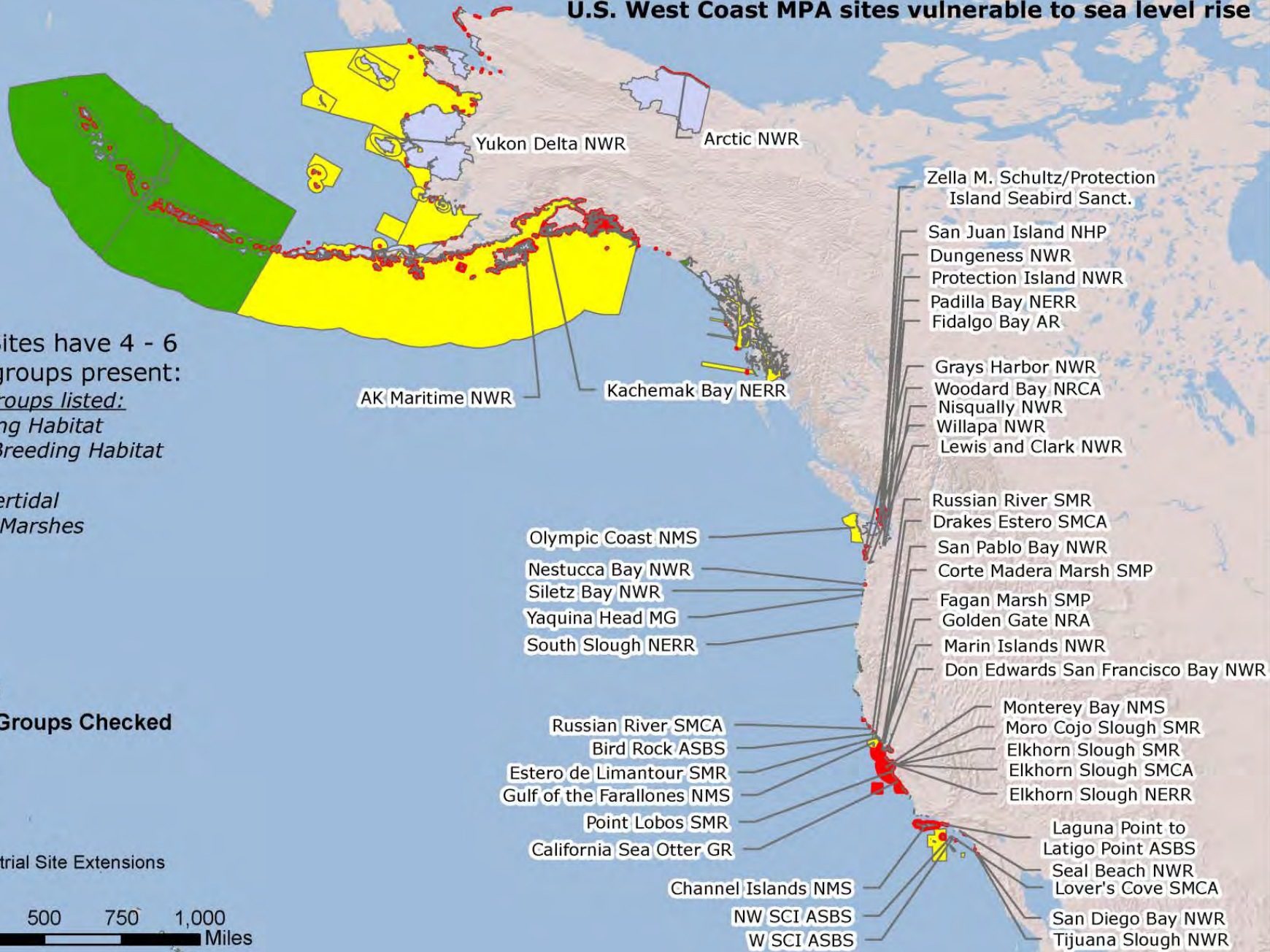
- Bird Nesting Habitat
- Pinniped Breeding Habitat
- Estuaries
- Rocky Intertidal
- Wetlands/Marshes
- Beach



## MPA Sites

### Resource Groups Checked

- 0 - 1
- 2 - 3
- 4 - 6
- Terrestrial Site Extensions



Yukon Delta NWR      Arctic NWR

AK Maritime NWR      Kachemak Bay NERR

Zella M. Schultz/Protection Island Seabird Sanct.  
 San Juan Island NHP  
 Dungeness NWR  
 Protection Island NWR  
 Padilla Bay NERR  
 Fidalgo Bay AR

Grays Harbor NWR  
 Woodard Bay NRCA  
 Nisqually NWR  
 Willapa NWR  
 Lewis and Clark NWR

Olympic Coast NMS  
 Nestucca Bay NWR  
 Siletz Bay NWR  
 Yaquina Head MG  
 South Slough NERR

Russian River SMR  
 Drakes Estero SMCA  
 San Pablo Bay NWR  
 Corte Madera Marsh SMP  
 Fagan Marsh SMP  
 Golden Gate NRA  
 Marin Islands NWR  
 Don Edwards San Francisco Bay NWR

Russian River SMCA  
 Bird Rock ASBS  
 Estero de Limantour SMR  
 Gulf of the Farallones NMS  
 Point Lobos SMR  
 California Sea Otter GR

Monterey Bay NMS  
 Moro Cojo Slough SMR  
 Elkhorn Slough SMR  
 Elkhorn Slough SMCA  
 Elkhorn Slough NERR

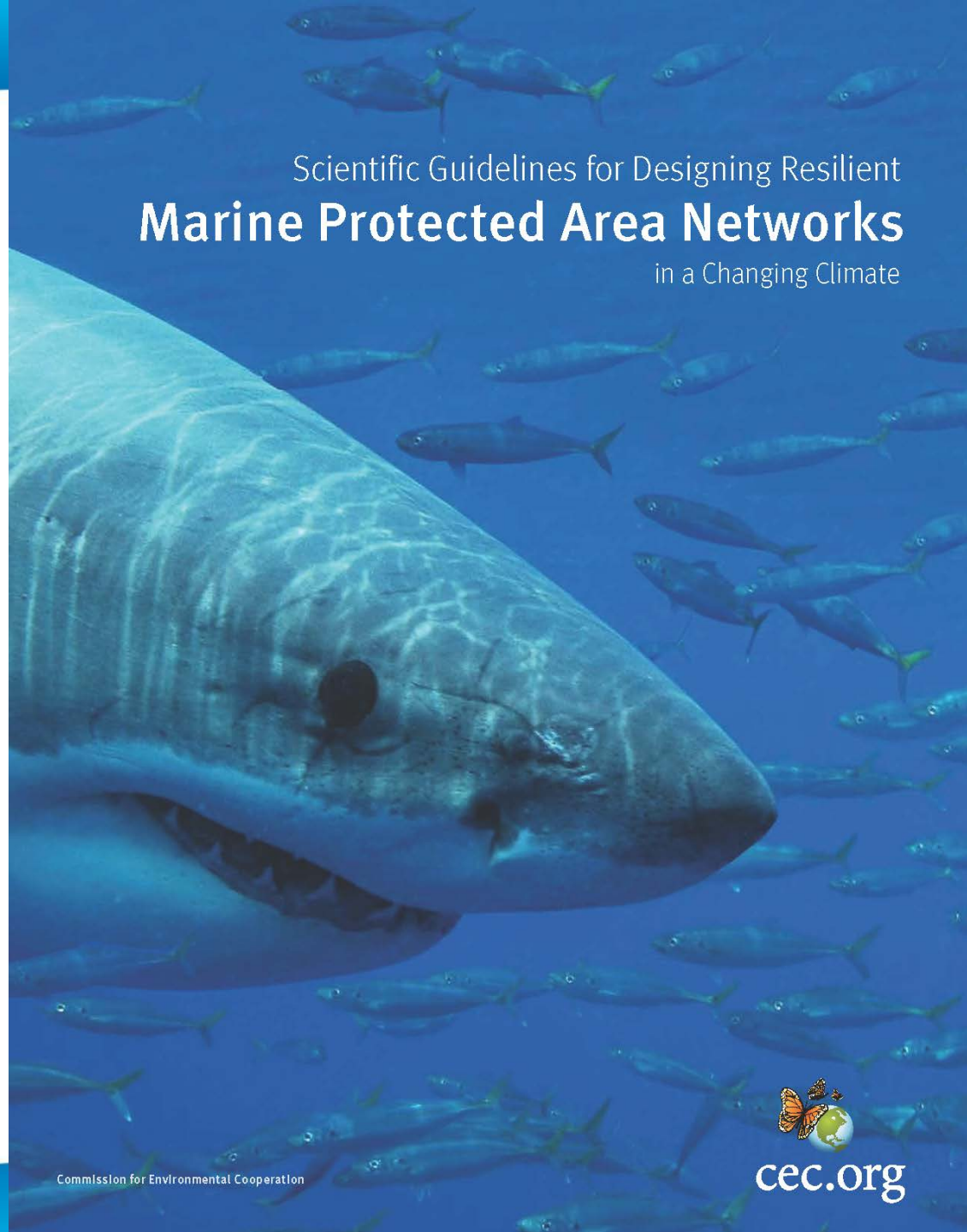
Channel Islands NMS  
 NW SCI ASBS  
 W SCI ASBS

Laguna Point to Latigo Point ASBS  
 Seal Beach NWR  
 Lover's Cove SMCA  
 San Diego Bay NWR  
 Tijuana Slough NWR

# MPA Science

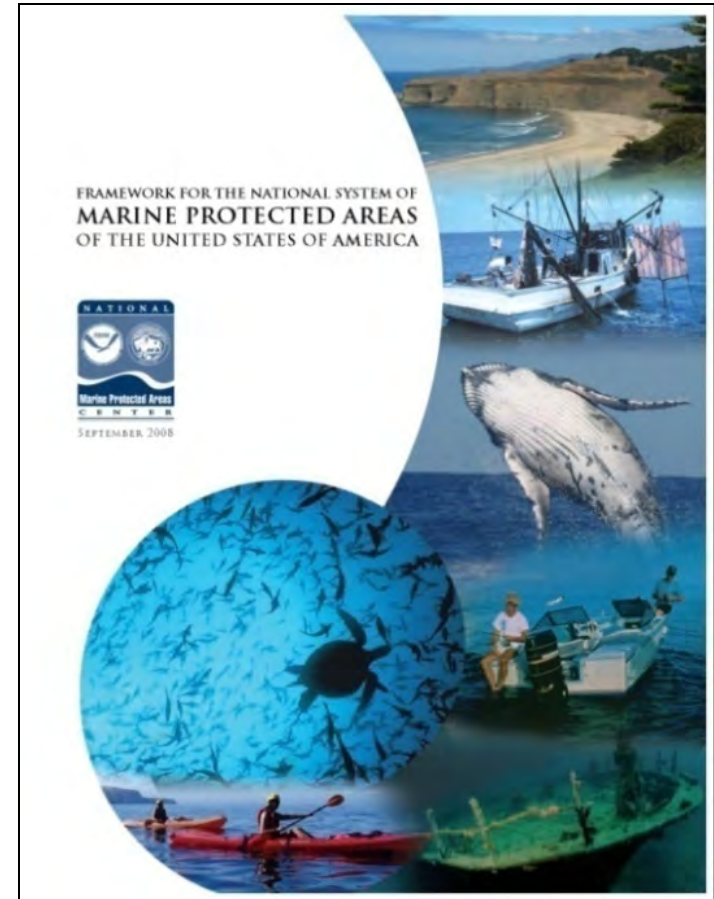
- MPA Networks and Climate Change
- Special Issue of *Fisheries Research on MPAs*

Scientific Guidelines for Designing Resilient  
**Marine Protected Area Networks**  
in a Changing Climate



# National System Framework

- Framework
  - updating in 2013
  - Will address FAC cultural resource recommendations
- Nominations – Spring 2013
  - Currently 355 MPAs



# Ocean Uses

- **Creating a Common Language**
- **Understanding How Uses Function**
- **Identifying Potential Conflicts and Compatibilities**



# Federal Advisory Committee Role

- Integrating ideas from past recommendations
- Looking ahead:
  - New focus on recreation and tourism – intersection with MPAs
  - Continued focus on stakeholder engagement – new approaches and partners
  - Re-engagement with Cultural Heritage Resources Workgroup
  - More connections with MPA Programs