



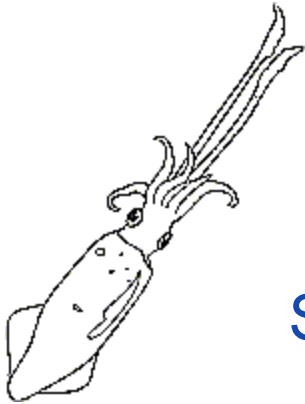
Marine Life Protection Act (MLPA)

MLPA Update to the MBNMS Sanctuary Advisory Council

April 21, 2011

Monterey, CA

Susan Ashcraft, Senior Biologist Supervisor
Department of Fish & Game





Overview

-  Statewide Planning Update
-  Monitoring Update by Region
-  Central Coast Five Year Review
-  MPAs and Fisheries Integration Group (MFIG)
-  Outreach



Statewide Planning Update

- 1) **Central Coast** – regulations effective September 2007
- 2) **North Central Coast** – regulations effective May 2010
- 3) **South Coast** – final MPAs adopted December 2010; Effective Date TBD (mid-2011)
- 4) **North Coast** – final MPA proposals to Commission, February 2011
- 5) **San Francisco Bay** – strategy options report underway

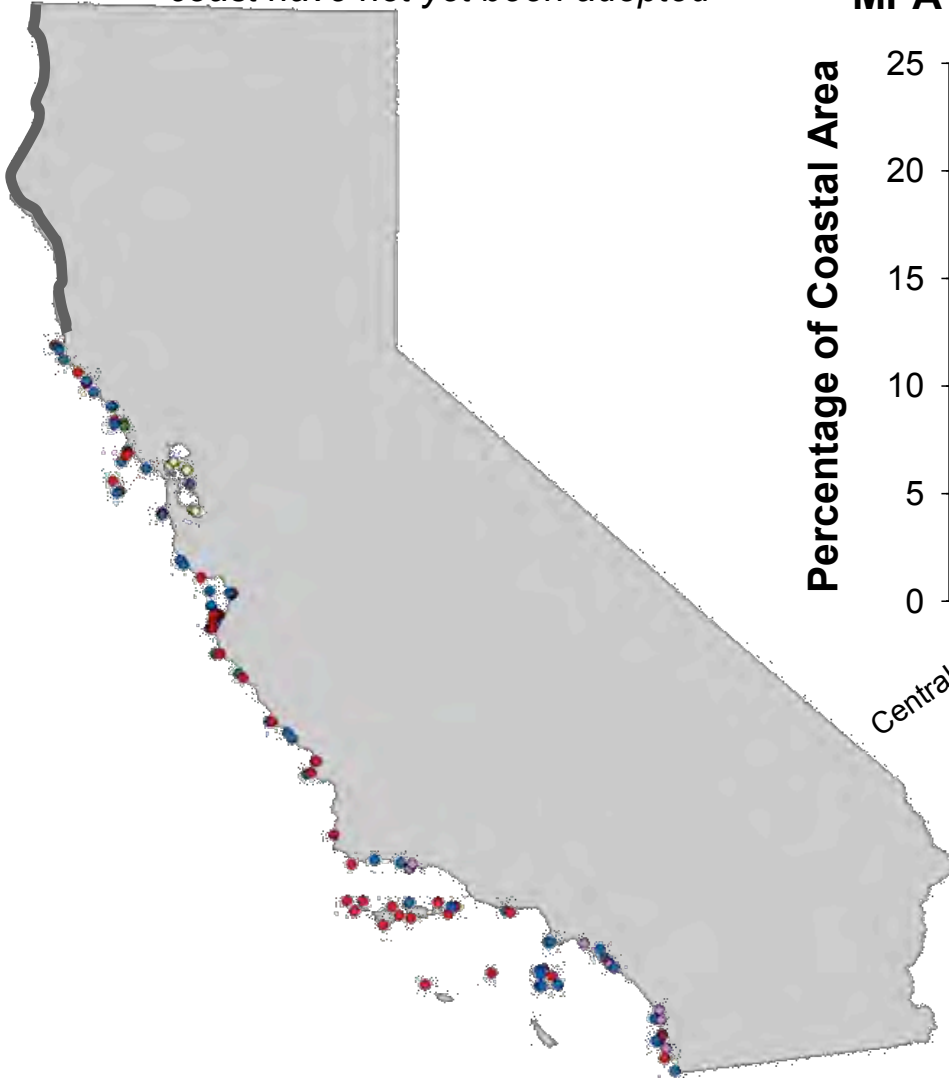


* MPAs have not been adopted on the north coast

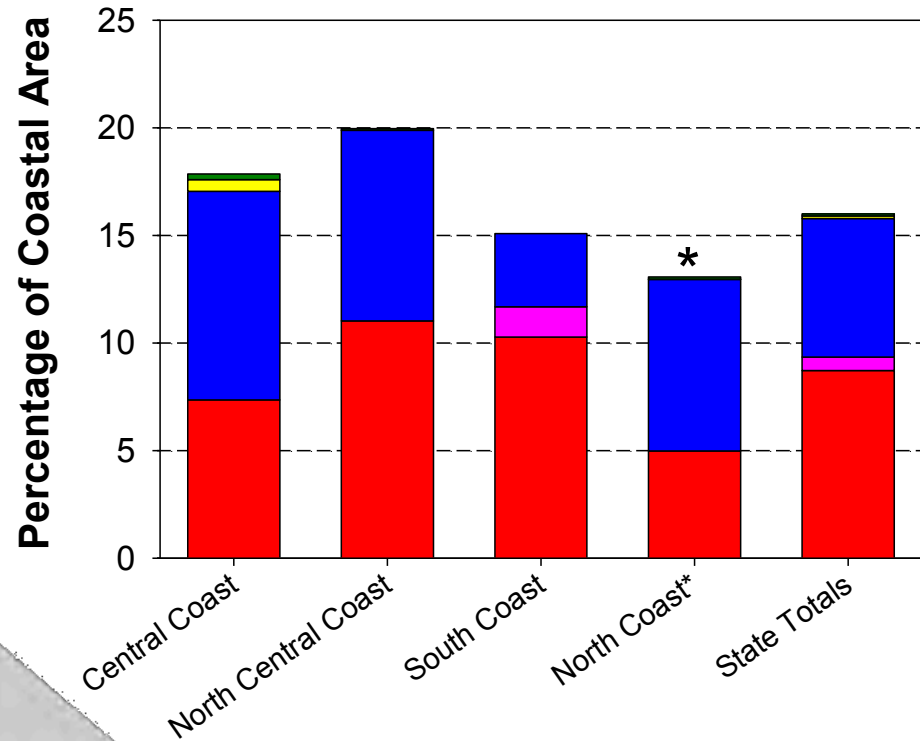


MPAs Adopted Pursuant to MLPA

* MPAs proposed on the north coast have not yet been adopted



MPA Designation Percentage by Coastal Region



- State Marine Reserve (SMR)
- State Marine Conservation Area (SMCA)
- State Marine Conservation Area (no-take)
- State Marine Park (SMP)
- State Marine Recreational Management Area (SMRMA)



MPA Monitoring

-  **Funding** – OPC \$4 million* per region for baseline
-  **MPA Monitoring Enterprise**
 - ✧ Developed in 2007; leads development of monitoring plans
 - ✧ Works closely with DFG Steering Group
-  **Monitoring Plans** - Frameworks with an Ecosystem Focus
 - ✧ Central Coast Plan – to be revisited at 5 year review (2012)
 - ✧ North Central Coast Plan complete
 - ✧ South Coast Plan currently in technical review by DFG
 - ✧ North Coast will begin development late 2011
 - ✧ Statewide to be determined





Central Coast

Monitoring

- ✧ Baseline: focuses on initial change
- ✧ 5 key habitats; socioeconomics; other programs
- ✧ 2 years of data collected

Other Management

- ✧ Lost fishing gear removal (SeaDoc, MBNMS)
- ✧ MPA Citizen Watch

 **5 year review planned for 2012**





North Central Coast



Baseline Program underway

- ✧ Focus on broad characterization and initial changes



Includes:

- ✧ [key ecosystems](#) (kelp and shallow reef, rocky intertidal, beach and surf zone, mid-depth, and estuaries);
- ✧ [system indicators](#) (sea birds);
- ✧ [citizen science data analyses](#) (BeachWatch, LIMPETs);
- ✧ [socioeconomics](#); and
- ✧ [an integrated assessment](#)





South Coast



South Coast Monitoring Plan under development

- ✧ Currently under DFG review
- ✧ Draft will be released for 30 day public comment period on ~April 27, 2011



Baseline Data Collection Program underway

- ✧ South Coast MPA Baseline Program informational webinar held March 1
- ✧ Bidders Conference held March 8 Los Angeles
- ✧ Monitoring proposals were due on April 7
- ✧ Anticipate award announcements will be made in June 2011



Central Coast

Monitoring

- ✧ Baseline: focuses on initial change
- ✧ 5 key habitats; socioeconomics; other programs
- ✧ 2 years of baseline data collected

Other Management

- ✧ Lost fishing gear removal (SeaDoc, MBNMS)

 **5 year review planned for 2012**





Central Coast-Five Year Review



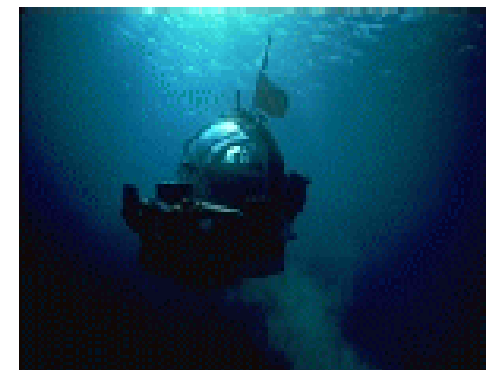
5 year review in 2012

- ✧ Planning: Identify and develop content
- ✧ Analysis (partners)
- ✧ Recommendations



Principle Investigators (PI) meeting for the Central Coast baseline monitoring held in Santa Cruz on March 24.

- ✧ Start planning for five year review
- ✧ Develop update due to Fish and Game Commission 2012





MPAs and Fisheries Integration



The Department is exploring how the statewide MPA network may influence fisheries management



2-day workshop last month, attended by scientists from California, Oregon, and Washington







Key themes discussed at the workshop:

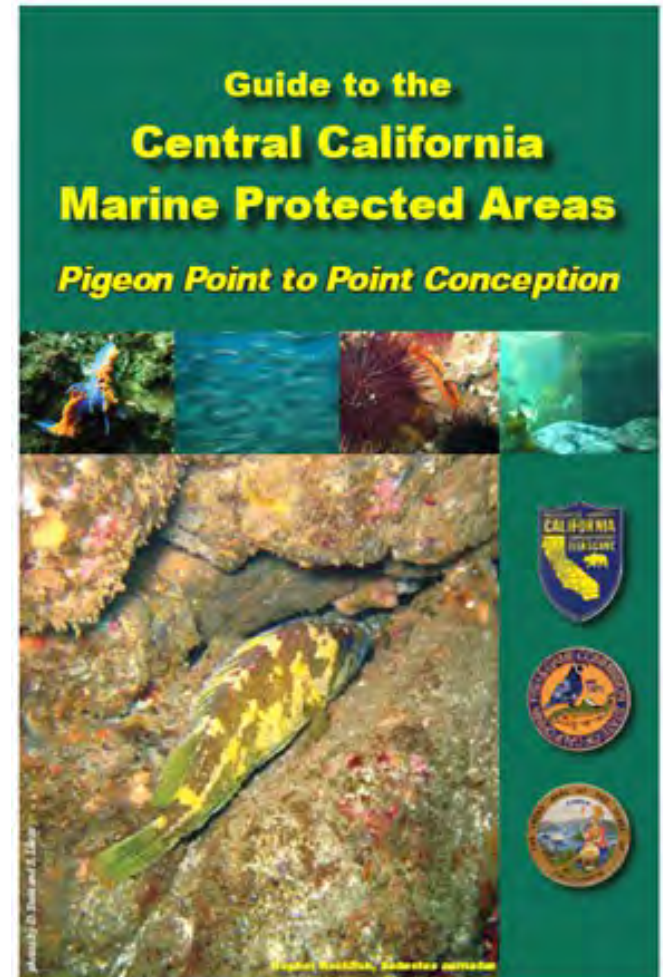
- ✧ *What are the expected biological effects of MPAs on California marine fisheries?*
- ✧ *Can MPAs be incorporated into stock management?*
- ✧ *Should fisheries management strategies change in response to a network of MPAs?*





Outreach and Education

-  General materials by region; adapting
 - ✧ New booklets to include landmarks
-  Partnerships: state, federal local and non-profit partners. e.g.:
 - ✧ Monterey Bay Sanctuary Foundation booklets/signs
 - ✧ GFNMS boater information guides
-  Enforcement coordination
-  New media tools:
 - ✧ Mobile MPA Smart Phone App
-  Developing long-term statewide strategy





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