MPAs: Protected Areas
Act Locally, Surf Globally

Moderated By Dr. Rikki Eriksen
Weren’t we already protected?
by Dan Haifley
5 marine sanctuaries protect 15,500 square miles – 5% - of west coast’s outer continental shelf.

Olympic Coast, Greater Farallones, Cordell Bank, Monterey Bay & Channel Islands.
• The rest - 294,473 square miles – was protected from offshore oil by President Obama until 2022.

• Protection rescinded by President Trump in January, 2018.
Monterey Bay National Marine Sanctuary

Permanently protects 6,094 square miles.

276 miles of coast from Santa Rosa Creek to Rocky Point.
MBNMS governs water quality, sea floor disturbance, cultural resources. Offshore oil started it…
Offshore oil catalyzed those protections

1969 Santa Barbara oil spill in every living room via TV.
1970s: Davenport nuclear plant, and oil refinery at Moss Landing.
1978 a group of volunteers formed Save Our Shores.
Federal & state governments control offshore oil.

Local government controls onshore zoning.

1985 82% of Santa Cruz voters agreed to (1) subject onshore support facilities to a vote & (2) fight drilling off California.

Save Our Shores was hired, I was coordinator.
I traveled the coast to promote similar laws.

26 communities, San Diego to Humboldt passes laws, most by voters.

13 sued by the Western Oil and Gas Association (we won).
Oil fight dovetailed with marine sanctuary campaign:

- Monterey Bay was nominated by California for sanctuary status in 1975, not successful.


- In 1988 Panetta secured authorization to begin planning for a marine sanctuary at Monterey Bay.
We formed Environmental Working Group in 1988 for largest boundary, strongest protections.

SOS, Center for Marine Conservation, Surfrider Foundation, League of Women Voters, Sierra Club, Defenders of Wildlife, Coastal Advocates, Friends of the Sea Otter.
• Seven “boundary” options were considered.

• Only “Boundary Option Five” (pictured) would have protected entire area.
• For the large boundary we had to prove a continuous, diverse ecosystem from San Luis Obispo to Point Reyes.

• Six central coast counties mapped ecosystems in region.

• Fitzgerald Marine Reserve, a biologically sensitive area between Ano Nuevo & San Francisco, one argument for "Boundary Five".
SOS & Environmental Working Group organized support.

4,000 citizens attended public hearings & made written comments in support of the marine sanctuary.
• 1992: George HW Bush was running for re-election & was behind in California.

• To win California he needed voters who cared about ocean and environment.
• Congressional delegation wrote to President encouraging largest boundary.

• Political consultant Stuart Spencer told President Bush that the largest boundary for MBNMS and a 10 year moratorium on offshore oil could help re-election.
• June 1992 the White House announced the largest boundary for MBNMS.

• We didn’t get all we wanted. A New York Times ad, signed by David Brower, denounced it as not enough, “we should start over”.

• But we’d never get this opportunity again. Designated September, 18, 1992.
But, what?

- 4/2017 President Trump ordered a review of new sanctuaries, marine national monuments & expansions since April, 2007.

- Do they interfere with resource extraction?
How to comment on offshore oil plan

Where to post comments about the OCS offshore leasing proposal:
**Deadline is March 9, 2018, 8:59PM PST**

Where to find information posted by the government re: Offshore Leasing proposal:
https://www.boem.gov/National-Program/

Draft proposal is at:
And about that review of sanctuaries and marine monuments…

…we wait to find out, and stay organized!
Hope for the future

Two sanctuaries in the pipeline: Lake Michigan in Wisconsin, Mallows Bay (Potomac River) in Maryland.
Proposed Chumash Heritage Sanctuary off San Luis Obispo, northern Santa Barbara county.
Dr. Rikki Eriksen

California Marine Sanctuary Foundation
CALIFORNIA’S NEWEST PARKS
ARE UNDERWATER

5th Global Wave Conference
Rikki Eriksen (Grober-Dunmore), Ph.D.
California Marine Sanctuary Foundation
Features of California’s Marine Protected Areas

State Marine Reserve
All extractive activities are prohibited, keeping the area as free from human disturbance as possible to protect and restore ocean habitats and species while still allowing for recreation.

State Marine Conservation Area
Areas with specific conservation goals that usually allow some limited recreational and/or commercial fishing.

Multi-Use Area
National Marine Sanctuaries
All tourism, fishing and aquaculture activities permitted.
Allowed activities may include large scale commercial and artisanal fishing, diving and snorkeling.
MARINE RESERVES
SPILLOVER

Open

Reserve

Nemo

rockfish

White shark
SAFEGUARDING THE BOFFFS: BIG OLD FERTILE FEMALE FISH

Average numbers of young produced by three different sizes of vermilion rockfish. 
Data: Love et al. (1990) NOAA Technical Report
CALIFORNIA RECOGNIZES NEED TO CREATE NETWORK OF MPAs

• 1999 California took bold action
• Millions $ of dollars of private & public funding
• Managing Agency California Department of Fish and Wildlife
A NOAH’S ARK APPROACH

- Estuaries, rocky reef, canyon, tide pools, open ocean
- Representation in each region
- Science guidelines: size, spacing, networking
CALIFORNIA’S MPA NETWORK

124 MPAs

16% OF CALIFORNIA WATERS PROTECTED

8% NO TAKE
LESSONS FROM CALIFORNIA’S MPAS

• Who – Know your audience

• What- Know the type of material you need

• How – Know effective delivery mechanisms

For in the end, we will conserve only what we love. We will love only what we understand, and we will understand only what we are taught. Baba Dioum.
1) WHO?

KNOW YOUR AUDIENCE
2) **What?**

**TYPE OF PRODUCT OR PROGRAM**
3) HOW DELIVERY MECHANISM

California is leading the nation in ocean protection with the completion of the first statewide network of marine protected areas.

Marine protected areas, alternately called underwater parks, conserve our “oases of the Sea.” Places like Big Sur’s submarine canyons and rocky pinnacles that are homes to playful sea otters, rare coldwater corals, and large rockfish.

Scientific studies show that protecting special underwater places leads to bigger fish, more fish, and provides a place for marine life to recover and thrive.

WELCOME to Pillar Point Harbor

Working and Playing on the Water

Enjoy the beaches and activities of Pillar Point. Recreational fish and shellfishing are allowed where signs indicate, or where fishing is allowed. All fishing is free. Pillar Point is a hub of recreational and commercial activities with a marina, shops, cafes, restaurants, and facilities. Pillar Point is one of the most labor intensive areas.

A Gateway to the Ocean’s Bounty

Pillar Point Harbor is a gateway to the “Bounty of the Gulf,” one of the most productive, diverse oceans of the world. These underwater resources are protected by a network of marine protected areas and federally designated critical habitat in the area. Learn more about the marine protected areas section of this book.

Pillar Point Harbor Saves Lives!

Pillar Point Harbor provides search and rescue services to boaters. Our well-trained and dedicated crew responds to an average of 100 rescue and search cases each year, and hundreds of arrests have been met.

Built as a Safe Haven

Pillar Point Harbor was a safe harbor built to protect the fishing fleet of the San Mateo County. Today, Pillar Point is a hub for all areas of the harbor. For more information visit www.pillar-point.com
HOW

TRAIN THE TRAINERS

Ocean Communicators
Alliance
Marine Protected Area
Docent Training Handbook
CENTRAL COAST

Dive Club of Silicon Valley
Keeping divers diving safely

CALIFORNIA
STATE PARKS
SINCE 1864

Friends of
Santa Cruz
STATE PARKS
THATSMYPARK.ORG
HOW
GET PEOPLE OUT THERE

- STATEWIDE CITIZEN SCIENCE INITIATIVE DESIGNED TO MONITOR HUMAN USE
- DATA USED TO GUIDE MANAGEMENT DECISIONS AT STATE AND LOCAL LEVEL
- OVER 2,000 VOLUNTEERS HAVE COLLECTED 17,700 SURVEYS
HOW UNIQUE OUTLETS

Sunset magazine, Visit California, Latitude 38, Changing Tides

SIGHTINGS

sailing california's underwater parks

California may have some of the most beautiful boating traffic in the nation, but it also has the most impressive system of protected marine parks in the country. The Sierra Club and the California Marine Conservation Network have identified several outstanding marine reserves that are protected under state law. Each reserve is unique and offers its own set of marine life and recreational activities.

California's new parks are underwater, and we encourage you to visit them in order to enjoy their natural beauty and diversity. These parks lie within their own protected areas of 500 square miles.

Often referred to as underwater reserves, these protected areas conserve species that are found in the coastal waters, particularly seal and large whales.

Overall, 18% of California's waters have added protections, while the State Marine Reserve (SMR) that allows different uses.

The new marine parks provide a series of reserves for marine life to recover and thrive, and give residents places to fish, dive, walk, sail and enjoy the benefits of a healthy coastal community.

sea creatures

The Sierras Club and the California Marine Conservation Network have identified several outstanding marine reserves that are protected under state law. Each reserve is unique and offers its own set of marine life and recreational activities.

Though the specific species found in each reserve will vary, visitors can expect to see a wide variety of marine life, including seals, sea lions, and whales.

Overall, 18% of California's waters have added protections, while the State Marine Reserve (SMR) that allows different uses.

The new marine parks provide a series of reserves for marine life to recover and thrive, and give residents places to fish, dive, walk, sail and enjoy the benefits of a healthy coastal community.

Top 10 Dive Sites in California's Underwater Park

Dive into these underwater parks to enjoy the beauty and bounty of marine protected areas.

- Donate Now
- Email
- Share
- Tweet

Big news under the sea

A new park system is being formed—but not where you think. It’s underwater. And in 100 years, this could be a whole new world of exploration.
PRO TIP
CONSISTENT & COOL
Conserving California’s Coastal Treasures

California’s marine protected areas (MPAs) conserve, restore, and improve the health of our ocean, similar to national parks and forests on land. The California MPA network includes MPAs and other protected areas. Each area is unique in its purpose and allowed uses.

Protected areas around Emeryville Marina are:

- **Point Reyes, Estero de Limantour, North Farallon Islands, Southeast Farallon Island, and Montara State Marine Reserves (SMR)**
  - No take, damage, injury, or possession of any living, geologic, or cultural marine resource is allowed.

- **Drake’s Estero, Point Reyes, Duxbury Reef, Southeast Farallon Island, and Pillar Point State Marine Conservation Area (SMCA)**
  - Some recreational and/or commercial take of marine resources may be allowed.

- **Point Reyes Headlands, Point Resistance Rock, Double Point/Stromy Stack, North Farallon Islands, Southeast Farallon Island, and Egg (Devil’s Slide) Rock Special Closures**
  - Prohibits access or restricts boating activities in waters adjacent to seabird nesting and rookery sites, and marine mammal haul-out sites.

**MPAs – Good for the Ocean; Good for You!**

**Know the Rules Before You Head Out.**

For Ocean Fishing Laws and Regulations, go to: www.wdfg.ca.gov/marine/regulations

Additional MPAs exist within San Francisco Bay. For MPA boundaries, maps, coordinates, and allowed uses, go to: www.wdfg.ca.gov/marine/MPA
OCEAN OPTIMISM

- Say what you CAN do
- Balance bad news with good
- Offer solutions

Pessimism leads to weakness, optimism to power

William James
THANK YOU FOR ALL YOU DO IN SUPPORT OF OUR OCEAN

www.californiampas.org
www.wildlife.ca.gov/Conservation/Marine/MPAs
We work to protect over 18,000 acres of ecologically critical habitat.
● Help Establish and Manage Protected Areas
● Advance Conservation Policy
● Engage Local Communities
Take Action
#CleanWaterNow
#AguaLimpiaYa

Paloma Aguirre
paloma@wildcoast.net
Nick Mucha

Save The Waves Coalition
WORLD SURFING RESERVES: Protecting the World’s Greatest Surf Coastlines

Nick Mucha
Director of Programs, Save The Waves
Global Wave Conference 2018
Save The Waves Coalition is dedicated to protecting and preserving the coastal environment with a focus on the surf zone. We meet this mission through protected areas, economics, and direct action in partnership with local communities.
World Surfing Reserves proactively identifies, designates, and preserves outstanding waves, surf zones, and their surrounding environments around the world.
CURRENT WORLD SURFING RESERVES

1. MALIBU, CA
2. ERICEIRA, PORTUGAL
3. MANLY AND FRESHWATER BEACHES, AUSTRALIA
4. SANTA CRUZ, CA
CURRENT WORLD SURFING RESERVES

1. MALIBU, CA
2. ERICEIRA, PORTUGAL
9. GUARDA DO EMBAU, BRAZIL
10. NOOSA, AUSTRALIA
WSR PROCESS

1. Nomination - Application Process
2. Selection Process
3. Stewardship Planning Process
4. Official Dedication
5. Ongoing Management and Evaluation
WSR BENEFITS

• Creates a common platform for conservation
• Creates strategic roadmap for conservation
• Improves tourism marketing and creates economic incentives for coastal protection
• Creates political incentives for conservation
• Engenders pride within local community
• Create avenues for conservation outcomes and permanent legal protections
CASE 1: HUANANCHACO

FEDERAL PROTECTION:
“LEY DE ROMPIENTES”
CASE STUDY 2: SAN MIGUEL

STATE PROTECTION:
PARQUE ESTATAL ARROYO SAN MIGUEL
CASE 3: PUNTA DE LOBOS, CHILE

Private conservation with easements by Fundación Punta de Lobos
Attempts from previous landowners to develop real-estate projects like this one, allowed under the current Urban Plan regulation.

Source: Proposal from Leisure Research Limited, Peter M. Walsh CMC.
#LobosPorSiempre
LESSONS LEARNED

• All conservation is local
• New location, new model
• Coalitions beat the odds
• Get ahead of key issues
• Focus; less is more
• Scale is a challenge