



Repairing Our Damaged Ecosystem

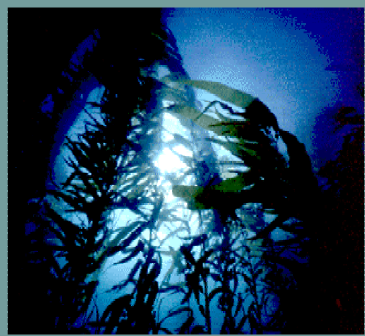
Monterey Academy of Oceanographic Science
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Monterey Bay National Marine Sanctuary (MBNMS)



- Founded in 1992
- Largest Marine Protected Area (MPA) in United States
- Approximately 315,174.8 acres
- Extends about 270 miles of coastline

Regulations

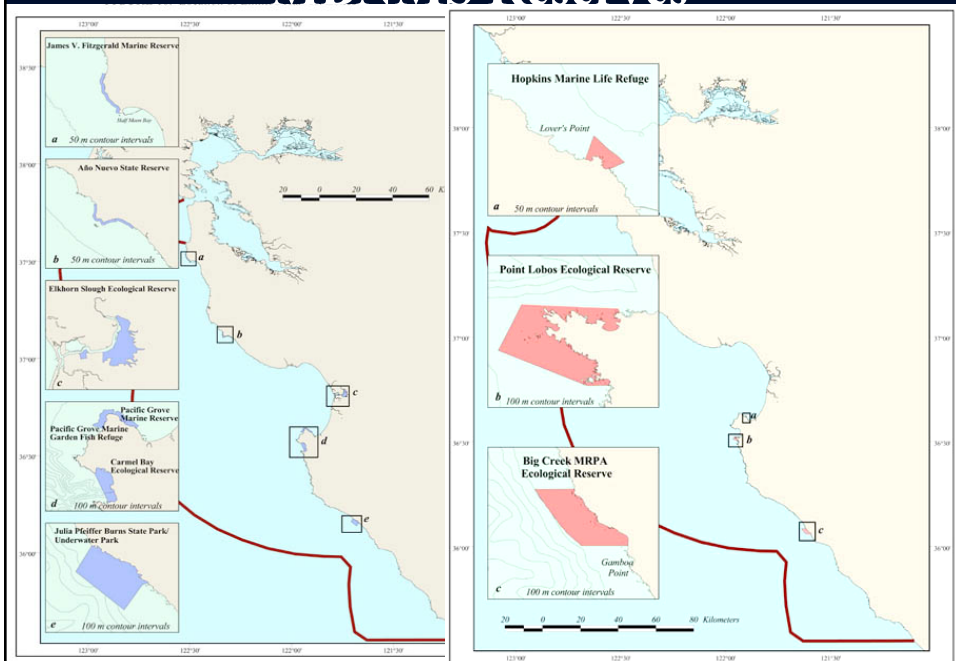


Kelp forest
© John Heine

Marine Protected Areas are designed to protect the sanctuary as it was founded

Marine Reserve regulations are designed to return the habitat to its natural state

MBNMS Reserves



Problems

Marine Protected Areas are not specific enough to replenish our damaged ecosystem

Problems with MPA regulations:

- Enforcement
- Few specific regulations
- The established community
- Federal/State jurisdiction makes it difficult to protect

Defining Our Solution

More Marine Reserves

- Anacapa Island
- Point Lobos



Benefits of a Marine Reserve

- Increased biodiversity
- Sustainable fisheries
- Tourism/Recreation



Implementing a Reserve

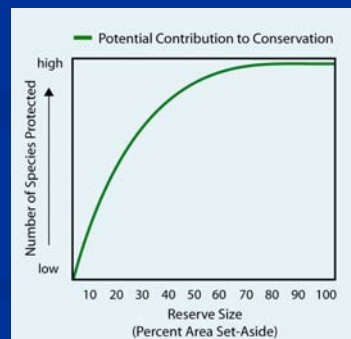
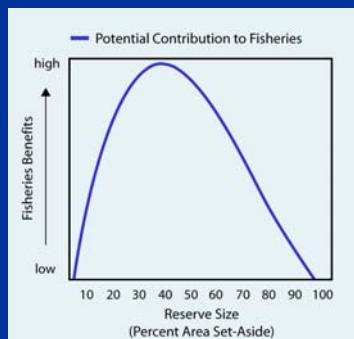
Placement

Size

Number

Science

Community Involvement



Enforcement

- AUV (autonomous underwater vehicle)
- The Department of Fish and Game
- Funding

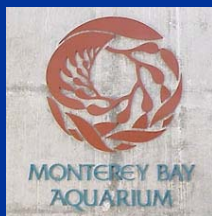


What We Can Do

Communication

Local government

Educational outreach



What Others Can Do

Education

Federal involvement

Establishing a political coalition



References

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- [The Science of Marine Reserves](#), PISCO
- Leon Panetta
- Stephen Scheiblaue, Monterey Harbor Master
- Sal Tringali, Fisherman from Monterey Fish Co.
- Steve Webster, Monterey Bay Aquarium



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