

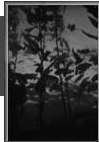
## Marine Life Protection Act Initiative



### Additional Datasets Available for MPA Planning in the MLPA South Coast Study Region

Evan Fox, Principal Planner, MLPA Initiative

Presentation to the MLPA South Coast Regional Stakeholder Group  
January 14, 2008 • San Diego, CA



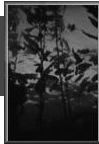
### New Datasets Available/Pending

- Substrate Mapping
- California Ocean Uses Atlas Project
- California Coast Online Survey
- Tribal Use of Marine Resources
- Ecotrust Fisheries Values and Uses Project  
(survey of commercial and recreational fisheries)



## Substrate Mapping

- Fine scale information on location of hard and soft bottom habitats by depth zone
- Collected by Fugro Pelagos, Inc. and California State University, Monterey Bay (Rick Kvitek lab)
- Will be incorporated into regional profile and MarineMap
- Data have been collected; processed information expected in February



## Substrate – North Central Coast

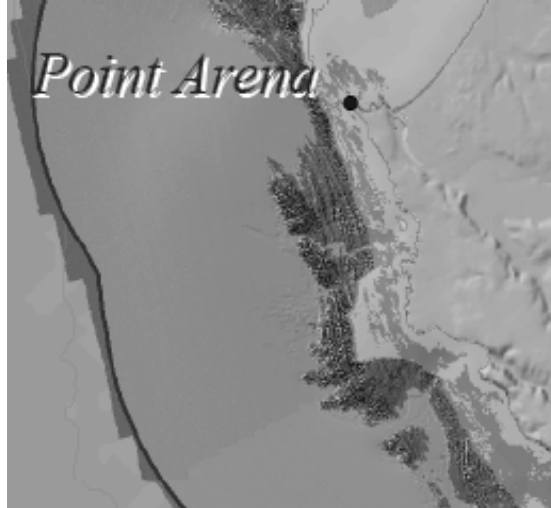
Coarse  
scale  
data





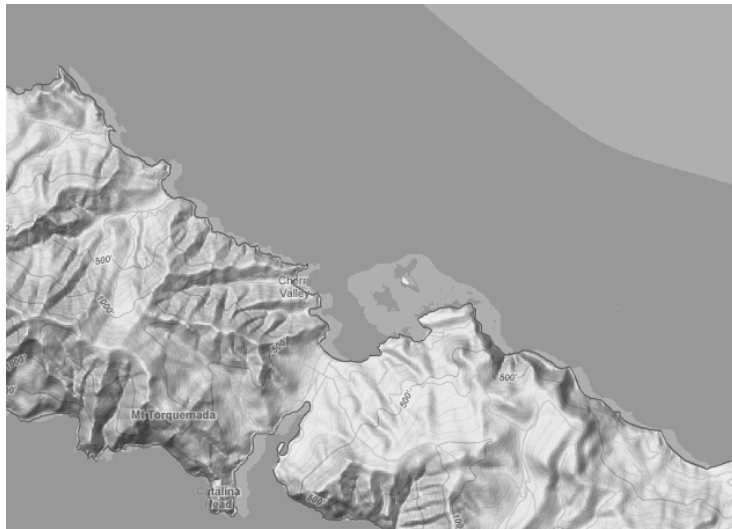
## Substrate – North Central Coast


Fine  
scale  
data



## Substrate – South Coast

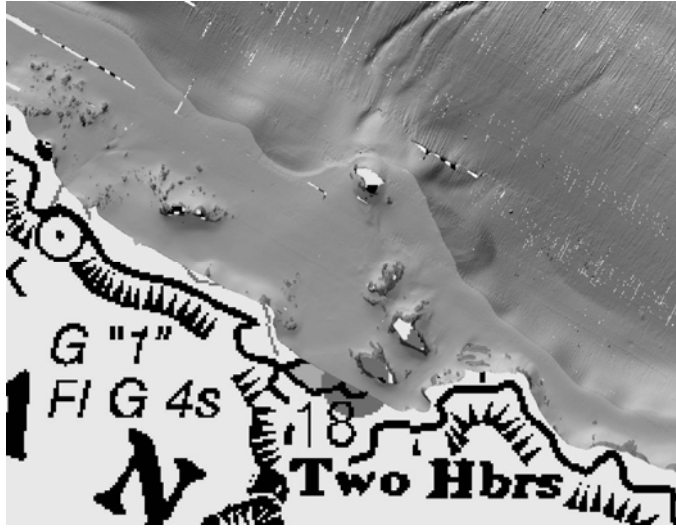

Coarse  
scale  
data





## Substrate – South Coast

Draft  
fine  
scale  
data

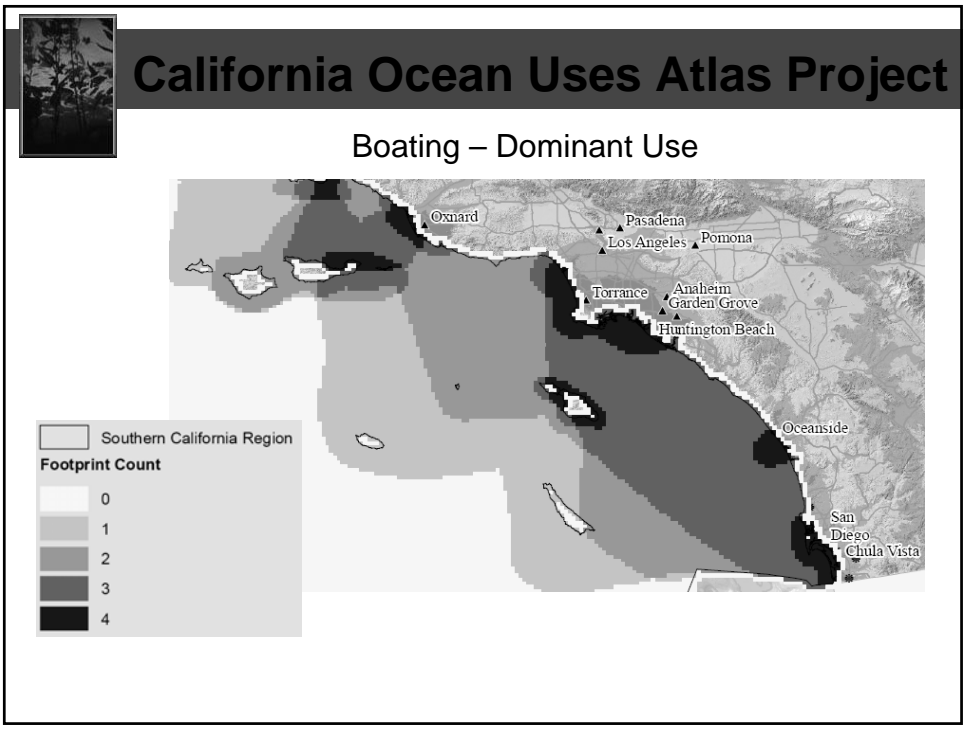



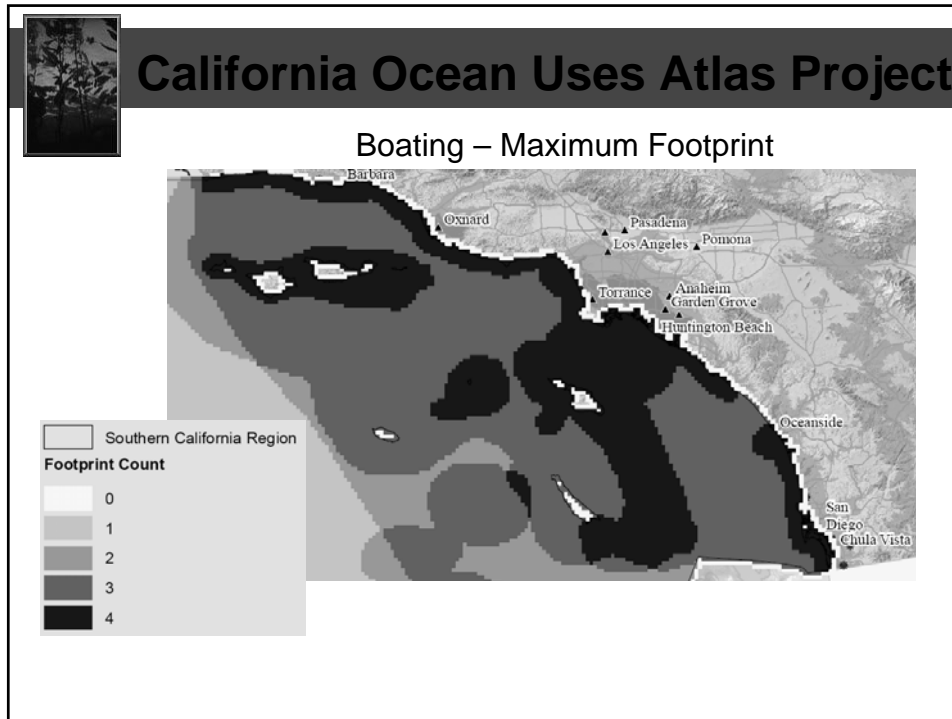
## California Ocean Uses Atlas Project

- Spatial information for 26 ocean uses
- Divided into industrial and military, non-consumptive, and fishing activities
- Collected by National MPA Center and Marine Conservation Biology Institute
- Incorporated into MarineMap and available in separate report/maps
- Available now, additional information at next meeting

## California Ocean Uses Atlas Project

<i>Industrial</i>	<i>Non-Consumptive</i>	<i>Consumptive</i>
Military Operations and Testing	Beach Use	Commercial dive fishing
Mining and Mineral Extraction	Cruise Ships	Commercial fishing, benthic fixed gear
Offshore - Alternative Energy	Motorized boating	Commercial fishing, benthic mobile gear
Offshore Aquaculture	Paddling	Commercial pelagic fishing
Offshore Oil and Gas	Sailing	Kelp harvesting
Shipping	SCUBA/Snorkeling	Recreational dive fishing
Underwater Cables	Surface Water Sports	Recreational fishing, from boats
	Swimming	Recreational fishing, from shore
	Tidepooling	
	Wildlife Viewing at sea (Commercial only)	





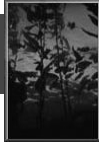
## California Coast Online Survey

- Information regarding recreational coastal use from an online geo-survey
- Collected by Linwood Pendleton (Coastal Ocean Values Center) and Chris LaFranchi (NaturalEquity)
- Incorporated into MarineMap and available online <http://covc.centraldesktop.com/santamonicabayhumanuses/> (Contact [linwoodp@coastalvalues.org](mailto:linwoodp@coastalvalues.org) for access)
- Available now, additional information at next SCRSG meeting



## California Coast Online Survey

- Internet survey technology
  - Random
  - Drawn from a pool of 100,000 CA respondents
  - 4000 responses (expected 6000 by spring 2009)
- Can be extrapolated to regional population
- Ask detailed questions about coastal visitation
  - “How many times do you visit the coast, where, and what do you do?”



## California Coast Online Survey

- Data from last trip about
- Exact site of last trip
  - Frequency of visits
  - Activities undertaken (consumptive and non-consumptive)
  - Spending
  - Visitor demographics

## California Coast Online Survey

You have selected region 3 (Start Over)

This map shows a zoomed-in view of the California coast. A black dot indicates the selected location in Region 3, near the intersection of Coleman Dr and Embarcadero. The map includes labels for 'Embarcadero', 'Coleman Dr', 'Coleman Park', and 'Keiser Park'. Navigation controls on the left include arrows for panning, a zoom-in (+) and zoom-out (-) button, and a vertical slider for zoom level. At the top right, there are buttons for 'Map' and 'Hybrid' styles, and a small circular icon with the number '1'.

## California Coast Online Survey

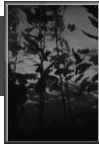
This map shows the entire state of California divided into six regions, labeled Region 1 through Region 6. Major cities and geographical features are marked, including San Jose, Merced, Madera, Fresno, Visalia, Hanford, Bakersfield, Lancaster, Los Angeles, and Long Beach. The map includes navigation controls on the left and buttons for 'Map' and 'Hybrid' styles at the top right. At the bottom left, it is noted as 'POWERED BY Google AND SKYTRUTH'. At the bottom right, it says 'Map data ©2008 Tele Atlas'.





## Tribal Use of Marine Resources

- Pending information on tribal use of marine resources in the MLPA South Coast Study Region
- Tribal Forum scheduled for February 28-29
- Potentially incorporated into MarineMap



## Ecotrust Fisheries Project

- Stated areas of importance for commercial and recreational fisheries
  - Collected by Ecotrust
  - Incorporated into MarineMap and available in separate summary/maps
- More from Charles Steinback of Ecotrust...



## Use of data

- Additional datasets may inform placement and design of MPAs and/or proposed regulations
- To be used in conjunction with
  - Regional Profile
  - Other datasets in MarineMap
  - Input from fellow RSG members
  - Input from members of the public/outside groups