


Marine Life Protection Act Initiative



MPA Decision Support Tools

North Central Coast Regional Stakeholder Group
 August 23, 2007 • San Rafael
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Tools and Support Available

- Hardcopy maps, charts
- Internet map service site (view all data layers at www.marinemap.org/mlpa)
- Doris – MPA decision support tool (view data layers, draw candidate MPAs or candidate arrays of MPAs)
- MLPA Initiative team – planning support, GIS analysis, facilitation
- SAT – scientific input and evaluation
- BRTF – policy and guidance

Decision Support Tools

A decision support tool can be anything that helps to inform and support good decision-making

Some specific software / Internet tools available for your use:

- Internet mapping service site – view data layers
- Doris (MPA decision support tool)
- California coastline aerial photos at www.californiacoastline.org
- Google Earth – imagery of study region



SAT Exploring Other Tools & Models

Presentations at August 16, 2007 SAT meeting:

- Marxan/Marzone – optimization software to identify areas to meet specific goals (A. Scholz)
- Single-species fisheries models (R. Hilborn, C. Walters)
- Population sustainability models (L. Botsford)
- Biological-economic models (C. Costello)

Utility of other models in proposal evaluation being discussed at future SAT meetings



Doris: MPA Decision Support Tool

- Doris – web-based tool
 - View data layers
 - Draw candidate MPAs and “Arrays”
 - Get reports on features captured
- Developed during central coast process
- Funding
 - MLPA Initiative
 - National MPA Science Center
 - Monterey Bay Sanctuary Foundation
- Developed by
 - IM Systems Group, Inc.
 - MLPA Initiative, state, and federal staff



Login Page

Doris MARINE PROTECTED AREAS DECISION SUPPORT TOOL

Username:

Password:

[Forgot password?](#)

[Change password](#)

Welcome

The Doris Marine Protected Areas Decision support tool is a collaborative effort between Federal and California State Agencies, the Resources Legacy Fund Foundation (RLFF) and the Marine Sciences Institute located at the University of California in Santa Barbara.

The tool is named after Doris a Sea Nymph from Greek mythology who was associated with a "bountiful" ocean. Together with her husband the sea god Poseidon, she was the mother to 50 beautiful nymphs known as the Nereids.

For problems accessing this site, please contact the [system administrator](#)

For best results, please use Internet Explorer 5+

"Doris" is a sea nymph from Greek mythology who represented the bountiful ocean

Viewing Reports

Only selected candidate MPAs or arrays will appear in a report

Types of Reports

- Habitat
- Select species
- Recreational fisheries
- Commercial fisheries
- Cultural

Summary

- Doris (and the IMS site) will be updated with new information as it becomes available
 - We will notify you of updates
- New report formats and improvements still underway
 - We welcome your suggestions
- Individual passwords provided
- Breakout session for closer look at tool
