

Marine Life Protection Act Initiative



Staff Evaluations of MLPA North Central Coast Regional Stakeholder Group Marine Protected Area Proposals

Presentation to the MLPA Blue Ribbon Task Force

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Evaluation/Summary Documents

| Document | Source |
|---|---------------|
| Proposal Templates and Narratives | Staff/RSG |
| Habitat Calculations | Staff |
| Staff Summaries | Staff |
| Area Histograms | Staff |
| Side-by-side Maps and Regulations | Staff |
| Goal 3 Evaluation | Staff |
| Overlap Between Proposals Maps | Staff |
| Feasibility Analysis | DFG |
| Abalone Analysis | DFG |
| Commercial/Recreational Fisheries Analysis (Ecotrust) | DFG/Ecotrust |
| Goals and Objectives Analysis | DFG |
| Habitat Representation and Replication (Goal 1 and 4) | SAT |
| Size and Spacing Analysis (Goal 2 and 6) | SAT |
| Birds and Mammals Analysis (Goal 2) | SAT |

Evaluation documents available at: <http://www.dfg.ca.gov/mlpa/nccrsg-evaluations.asp>



MPAs and SMRMAs in Each Proposal

| Number | Prop 0 | Prop 1-3 | Prop 2-XA | Prop 4 |
|---------------------|--------|----------|-----------|--------|
| SMRs | 1 | 12 | 9 | 15 |
| SMCAs | 10 | 10 | 8 | 12 |
| SMPs | 2 | 1 | 1 | 1 |
| Total MPAs | 13 | 23 | 18 | 28 |
| Total SMRMAs | 0 | 0 | 3 | 0 |

| Area (%SR) | Prop 0 | Prop 1-3 | Prop 2-XA | Prop 4 |
|---------------------|-------------|--------------|--------------|--------------|
| SMRs | 0.3 (<0.1%) | 87.24 (11%) | 67.38 (9%) | 104.96 (14%) |
| SMCAs | 25.7 (3.4%) | 77.28 (10%) | 68.88 (9%) | 97.07 (13%) |
| SMPs | 0.8 (0.1%) | 0.1 (<0.1%) | 0.66 (<0.1%) | 2.86 (0.4%) |
| Total MPAs | 26.8 (3.5%) | 164.62 (22%) | 136.92 (18%) | 204.89 (27%) |
| Total SMRMAs | 0 (0%) | 0 (0%) | 0.59 (<0.1%) | 0 (0%) |

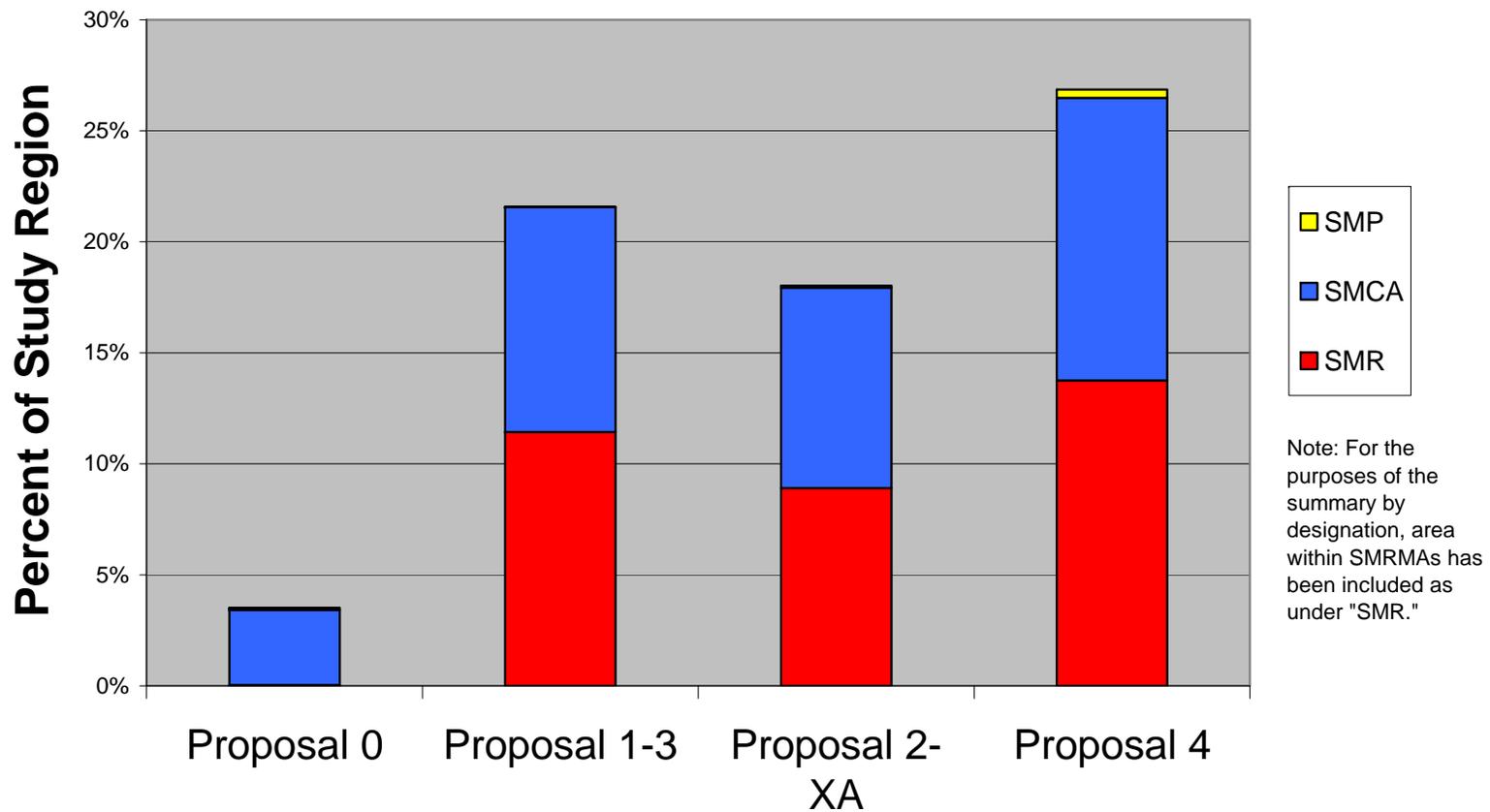
**For evaluation purposes, SMRMAs were treated as SMRs*

Area in square miles; percentages as percent of study region inside MPAs

Area in MPAs by Designation



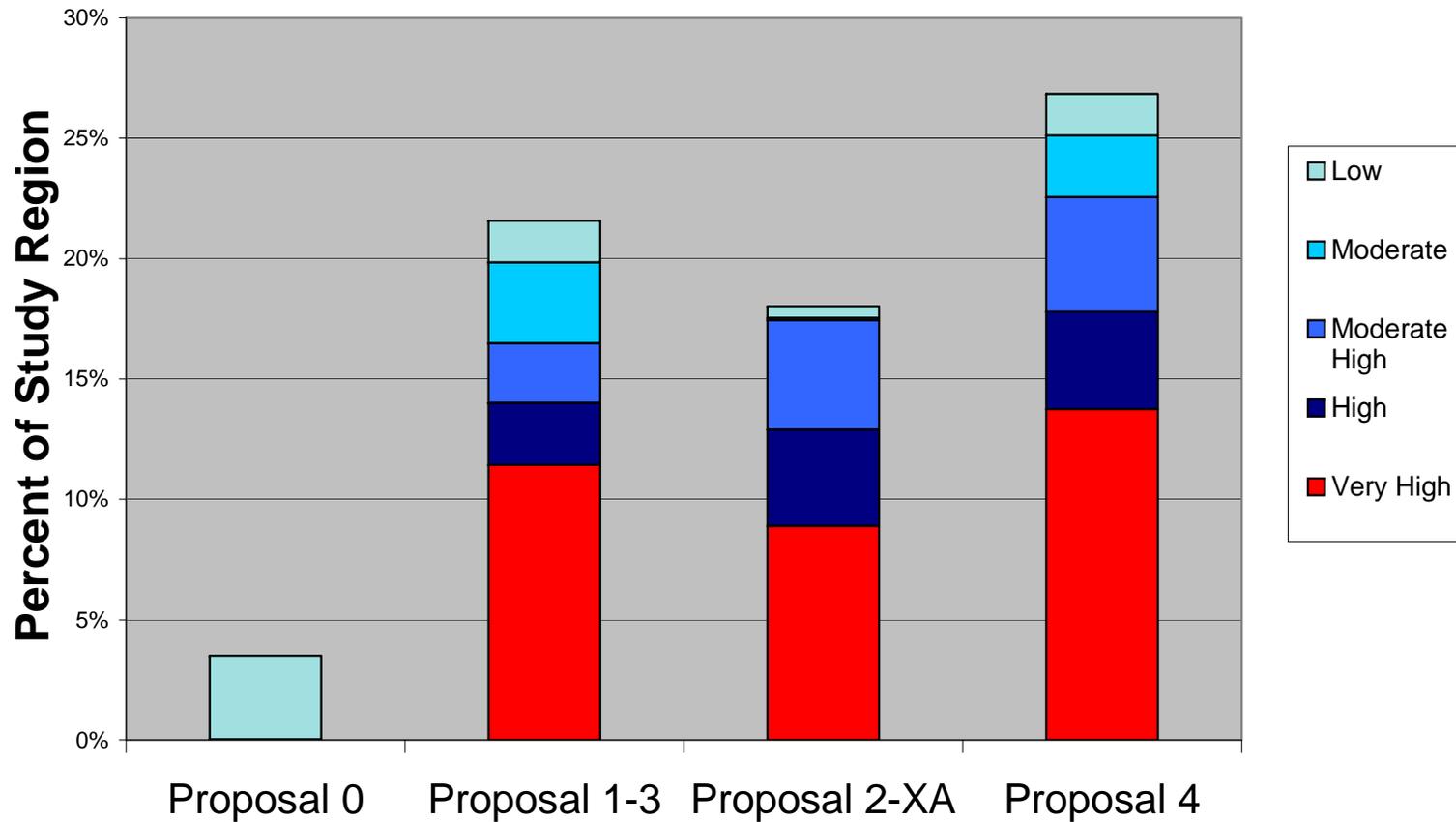
NCCRSG MPA Proposals and Existing MPAs by Designation





Area in MPAs by Level of Protection

NCCRSO MPA Proposals and Existing MPAs by SAT Level of Protection





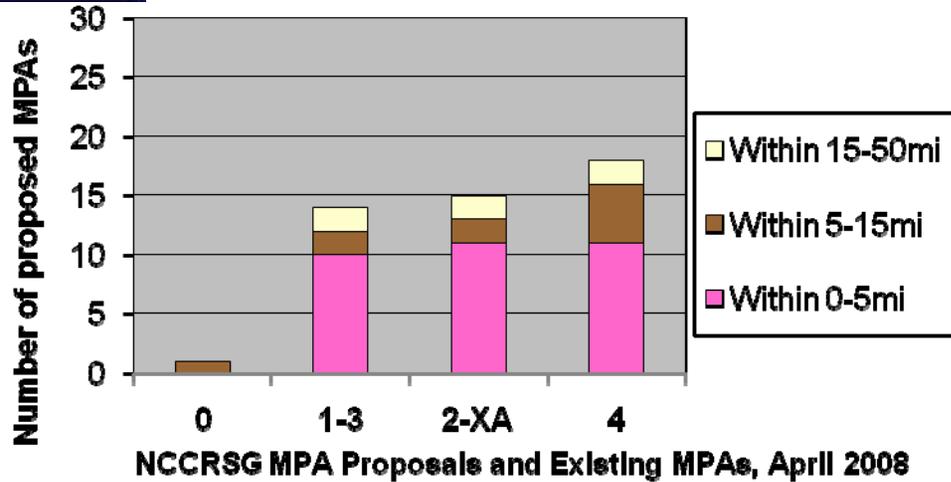
Goal 3 Evaluation

“To improve recreational, educational, and study opportunities provided by marine ecosystems that are subject to minimal human disturbance, and to manage these uses in a manner consistent with protecting biodiversity.”

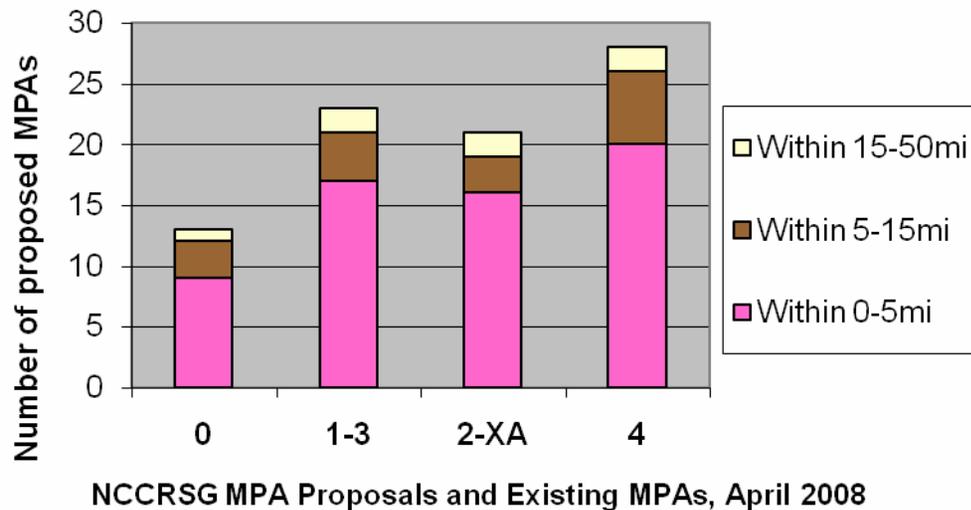
- Number of access points within or near proposed MPAs
- Distance of proposed MPAs to boat ramps, launches, and ports
- Distance of proposed MPAs from major marine research institutions
- Number of long term marine research monitoring sites
- Replication of habitats within the study region

Recreation example: Boat ramps/launches proximity

Very high and high protection levels



All MPAs

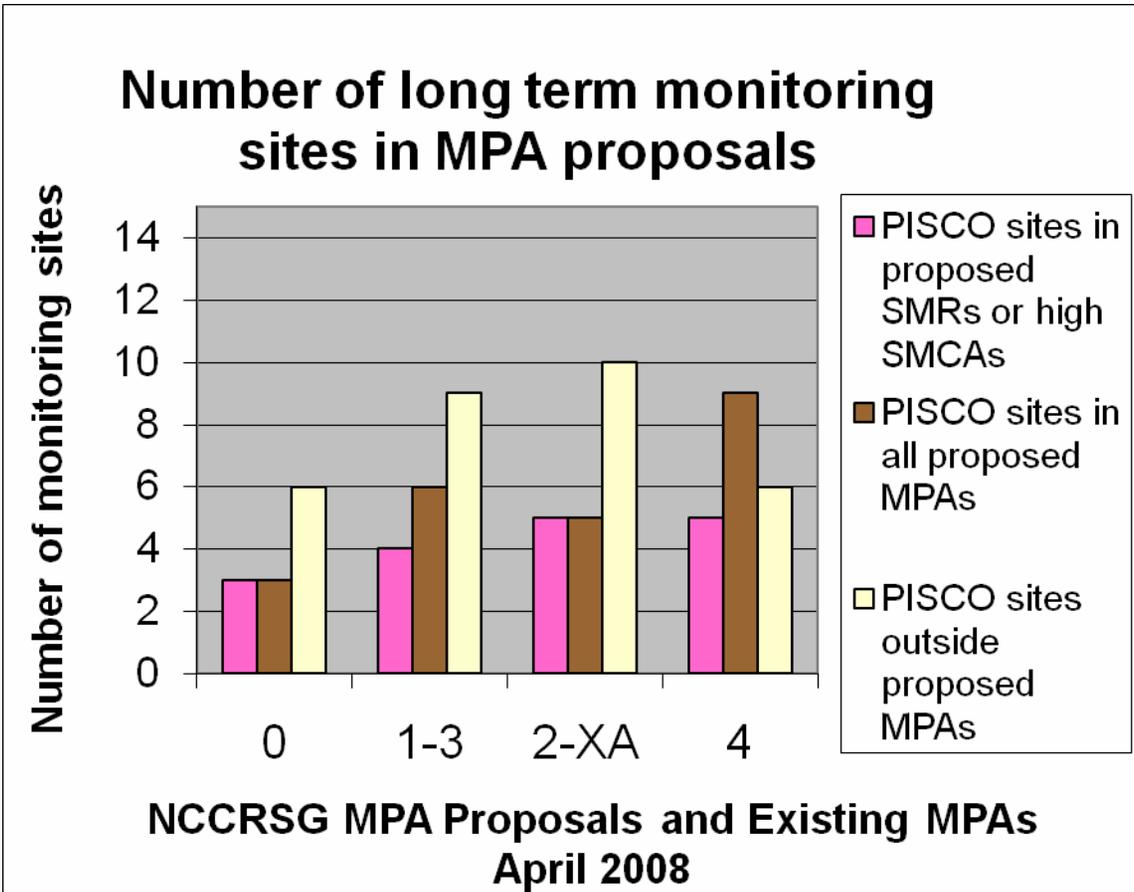


See Goal 3 Evaluation memo for results

All 3 proposals include MPAs with greater proximity to access points, boat ramps, ports, etc. than existing MPAs



Research/education example: Monitoring sites proximity



All 3 proposals include existing long-term PISCO monitoring sites both within and outside MPAs