Issue: Characterize resources through biogeographic assessments

Cordell Bank National Marine Sanctuary (CBNMS), Gulf of the Farallones National Marine Sanctuary (GFNMS), and Monterey Bay National Marine Sanctuary (MBNMS)

NCCOS Program Goals & Objectives

NCCOS Strategic Goal 1.1, 1.2
All NOAA-protected areas will have baseline assessments of ecological resources
All NOAA-protected areas will have Integrated Assessments

Issues & Problems

NCCOS Societal Stressor 2.2
Determine the social, economic, and biologic effects of human activities on specific coastal ecosystems

Research Response

NCCOS Project Title
"A Biogeographic Assessment off Central & Northern California National Marine Sanctuaries: Phase II Birds & Mammals"

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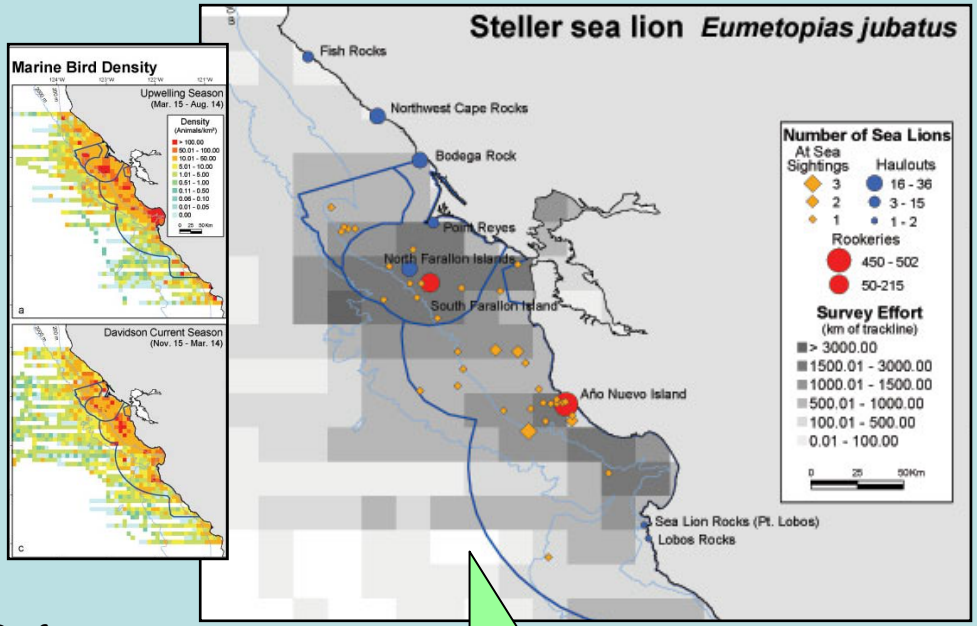
NMSP Management Need

Obtain baseline resource characterizations to improve sanctuary management and for possible boundary or zone evaluations



Performance Measures

Spatial & temporal patterns & hotspots for marine birds, mammals & related community metrics, and physiographic & ocean features

Characterization

Compile existing shipboard, aerial and land-based surveys to develop maps of spatial patterns for marine birds & mammals

Achievement of outcome:
Characterize and summarize the spatial and temporal patterns and life history information of marine birds and mammals and off north/central California

Adaptive Management & Research Refinement

Partnering Program Offices within NOAA's National Ocean Service

NATIONAL CENTERS FOR COASTAL OCEAN SCIENCE
science for coastal communities

National Marine Sanctuaries