

Issue: Characterize sanctuary waters



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 2.3
Strengthen coastal managers' capacities with the transfer of knowledge and tools

Issues & Problems

NCCOS Societal Stressor 2.0, 3.0
Coastal managers rely upon science to influence human activities affecting coastal ecosystems
Coastal managers rely upon science to mitigate effectively the effects of extreme events on coastal ecosystems

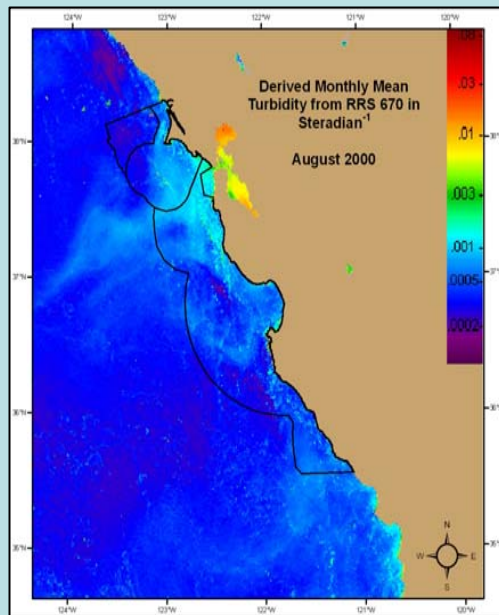
Research Response

NCCOS Project Title
"Monthly Mean Chlorophyll and Sea Surface Temperature from Satellite for Sanctuaries"
Richard.Stumpf@noaa.gov NPD Project Code 04M00067

NMSP Management Need

Characterizing sanctuary waters; monitoring environmental change; providing oceanographic assessment information

Adaptive Management & Research Refinement

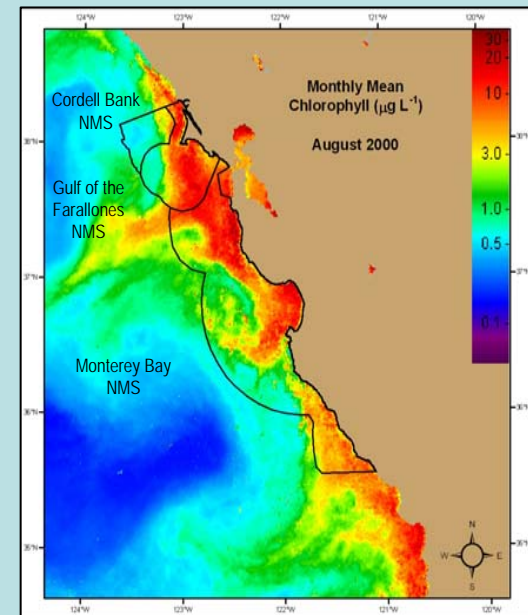


Performance Measures

Characterization

Seasonal, annual, inter-annual and event driven estimates of chlorophyll, turbidity, and sea surface temperatures

Satellite data to quantify physical oceanographic characteristics for 1997-present



Achievement of outcome: Provide time series imagery and analysis of patterns and trends to sanctuary managers

