



Monterey Bay National Marine Sanctuary Advisory Council

Management Plan Review Draft Action Plan Outlines

Resource Protection Action Plan

COLLABORATIVE PLANNING AND MANAGEMENT

- **Strategy RP-1: Continue to build partnerships and leverage opportunities for protecting Sanctuary wildlife, habitats, qualities and cultural resources**
- **Strategy RP-2: Enhance Socioeconomic Program through collaboration with ONMS HQ socioeconomic team.**

MARINE POLICY, PERMITTING AND ENFORCEMENT

- **Strategy RP-3: Review projects, plans, and permits of other agencies to minimize impacts to sanctuary resources**
- **Strategy RP-4: Maintain and enhance permit program to reduce and/or mitigate impacts**
- **Strategy RP-5: Implement enforcement programs**

Resource Protection Action Plan – continued

RESOURCE PROTECTION OUTREACH AND INTERPRETATION

- Strategy RP-6: Interpret and distribute resource protection information
- Strategy RP-7: Coordinate Resource Protection programs including interpretive enforcement and citizen science programs to minimize impacts
- Strategy RP-8: Coordinate with and participate in implementing resource protection components of the Office of National Marine Sanctuaries West Coast Regional Office
- Strategy RP-9: Coordinate with and participate in implementing policies and programs of the Office of National Marine Sanctuaries

Resource Protection Action Plan – continued

EMERGENCY RESPONSE, DAMAGE ASSESSMENT AND RESTORATION

- **Strategy RP-10: Review and revise the sanctuary's spill response plan and emergency response information in order to be prepared to respond to an incident**
- **Strategy RP-11: Develop and implement restoration and recovery plans to address habitat damages and endangered species [XR Coastal Erosion AP]**

Climate Change Action Plan

- **Strategy CC-1: Address Coastal Resilience and Adaptation Planning**
- **Strategy CC-2: Reduce Greenhouse Gas Emissions**
- **Strategy CC-3: Communicate Ocean-Climate Impacts and Solutions**
- **Strategy CC-4: Implement Coastal Sediment Management Plans**
- **Strategy CC-5: Track and Share Ocean Acidification Research**

Marine Debris Action Plan

- **Strategy MD-1: Assess scope and scale of marine debris**
- **Strategy MD-2: Foster public participation and support policies leading to reduced marine debris focused on plastic pollution**
- **Strategy MD-3: Reduce marine debris threats by removing the debris and preventing point source inputs**

Elkhorn Slough Action Plan

- Strategy ES-1: Participate in ESNERR erosion reduction activities
- Strategy ES-2: Reduce stressors affecting Elkhorn Slough and water quality
- Strategy ES-3: Improve health and condition of native biodiversity
- Strategy ES-4: Provide regular communications about the health of Elkhorn Slough
- Strategy ES-5: Develop wildlife-viewing guidelines to reduce disturbance to wildlife from human interactions
- Strategy ES-6: Build on and enhance partnerships in the slough through better interagency communication and partnership

Emerging Issues Action Plan

- **Strategy EI-1: Identify and Track Emerging Issues**
- **Strategy EI-2: Develop Process to Address Emerging Issues**

Wildlife Disturbance Action Plan

- **Strategy WD-1: Mitigate wildlife disturbance from marine vessels and shore based activities**
- Strategy WD-2: Mitigate wildlife disturbance from aircraft
- **Strategy WD-3: Develop acoustic baseline profiles within MBNMS**
- Strategy WD-4: Reduce underwater low-frequency mechanical sound emissions
- Strategy WD-5: Use administrative methods to reduce wildlife disturbance
- Strategy WD-6: Use law enforcement resources to reduce wildlife disturbance
- **Strategy WD-7: Reduce the risk of wildlife entanglement in fishing gear (working on language with state D. crab working group)**
- Strategy WD-8: Respond to wildlife entangled in fishing gear

Coastal Erosion and Sediment Management Action Plan

- **Strategy CESM-1: Track progress on Coastal Sediment Management Plans for MBNMS**
- **Strategy CESM-2: Collaborate on land management plan for CEMEX site.**
- **Strategy CESM-3: Implement site specific beach nourishment programs**
- **Strategy CESM-4: Safeguard MBNMS from contaminated dredge disposal**
- **Strategy CESM-5: Reduce coastal armoring**
- **Strategy CESM-6: Reduce impacts to sanctuary resources due to landslides and subsequent emergency responses**
- **Strategy CESM-7: Protect MBNMS from negative impacts by anthropogenic coastal changes to river mouths**

Education, Outreach and Communication Action Plan

- **Strategy EO-1: Coordinate Education Programs Through Sanctuary Visitor Centers**
- **Strategy EO-2: Enhance Sanctuary Interpretation and Outreach Programs**
- **Strategy EO-3: Promote Public Engagement and Stewardship through Citizen Science Monitoring Programs**
- **Strategy EO-4: Maintain and Develop Sanctuary-wide Exhibits and Interpretive Signage**
- **Strategy EO-5: Foster and Promote Government and Community Relations**
- **Strategy EO-6: Increase Awareness of Sanctuary Through Effective Media and Communication Tools**
- **Strategy EO-7: Engage in Local, Regional and National Collaborations to Leverage Education and Outreach Opportunities**
- **Strategy EO-8: Provide Resource Issue Education and Outreach Tools**
- **Strategy EO-9: Evaluate Effectiveness of Sanctuary Education and Outreach Efforts**

Maritime Heritage Action Plan

- **Strategy MH-1: Inventory and Assess Submerged Sites**
- **Strategy MH-2: Threat Assessment for Shipwrecks and Submerged Structures**
- **Strategy MH-3: Protect and Manage Submerged Archaeological Resources**
- **Strategy MH-4: Develop Maritime Cultural Landscape-focused Education and Outreach**

Davidson Seamount Management Zone and Sur Ridge Action Plan

- **Strategy DS-1: Conduct site characterization**
- **Strategy DS-2: Conduct ecological processes investigations**
- **Strategy DS-3: Conduct seamount education and outreach initiatives**

Introduced Species Action Plan

- **Strategy IS-1: Manage Pathways and Promote Prevention**
- **Strategy IS-2: Promote Early Detection and Rapid Response**
- **Strategy IS-3: Implement Eradication or Control**
- **Strategy IS-4: Sustain Research and Monitoring**
- **Strategy IS-5: Implement Restoration**

Water Quality Action Plan

- **Strategy WQ-1: Facilitate and coordinate regional efforts to improve water quality through the Water Quality Protection Program Committee (and MOA), Agriculture Water Quality Alliance (AWQA), stormwater programs and Integrated Regional Water Management programs.**
- **Strategy WQ-2: Understand the Land-Sea connection**
- **Strategy WQ-3: Quantify effectiveness of management practices**
- **Strategy WQ-4: Monitor and reduce pollutant loads flowing into MBNMS**
- **Strategy WQ-5: Promote Public Engagement and Stewardship through Citizen Science Monitoring Programs and other WQPP efforts**
- **Strategy WQ-6: Communicate findings of projects and monitoring conducted by the WQPP**

Research and Monitoring Action Plan

- **Strategy RM-1: Characterize biological and physical features in MBNMS**
- **Strategy RM-2: Maintain and expand the Sanctuary Integrated Monitoring Network (SIMoN)**
- **Strategy RM-3: Support science focused on priority sanctuary needs**
- **Strategy RM-4: Facilitate the flow of science information among academic institutions, government agencies and other institutions**
- **Strategy RM-5: Coordinate with and participate in implementing research components of the Office of National Marine Sanctuaries West Coast Regional Office**
- **Strategy RM-6: Coordinate with and participate in implementing policies of the Office of National Marine Sanctuaries Conservation Science Program**
- **Strategy RM-7: Interpret select technical science information**

Operations and Administration Action Plan

- **Strategy OA-1: Management of MBNMS Budget**
- **Strategy OA-2: Support Management Priorities**
- **Strategy OA-3: Coordinate and Support Sanctuary Advisory Council**
- **Strategy OA-4: Support Technical Requirements of MBNMS staff and facilities**
- **Strategy OA-5: Oversee MBNMS Facilities**
- **Strategy OA-6: Facilitate Field Operations**
- **Strategy OA-7: Provide General Administrative Support**
- **Strategy OA-8: Administer Human Resources**