





Overview

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NOAA Grant Overview

- NOAA Climate Resilience Regional Challenge
- Funding via 2023 Inflation Reduction Act (IRA)
- Total funds appropriated \$575 million
- Intent is to advance NOAA's efforts to build Climate-Ready Coasts
- Focus of the grant program is on collaborative projects that increase the resilience of coastal communities to extreme weather and other climate change impacts, including sea level rise and drought.
- Community engagement, regional coordination, and enduring capacity are also important components.



NOAA Climate Resilience Regional Challenge - Award

Project Title:

NOAA Regional Adaptation for Climate Resilience for Monterey Bay Coastal Communities

Grant Recipient:

California Marine Sanctuary Foundation (CMSF)

Award: \$71,100,000

Grant term:

10/1/2024 – 9/30/2029



NOAA Regional Adaptation for Climate Resilience for Monterey Bay Coastal Communities

Project specific focus:

Addresses the highest priority climate risks for California's Monterey Bay Region flooding and wildfires by implementing four integrated adaptation strategies:

- Regional Collaboration and Capacity Building
- Flood Risk Reduction
- Wildfire Risk
- Workforce Development

Subproject:

Salinas River OSR Floodplain Resiliency and Connectivity Project



Salinas River OSR Floodplain Resiliency and Connectivity Project



Project specific award: \$1.2 million total

OSR Project Allocations

- Coastal Conservation & Research (CCR) subrecipient via CMSF of \$2.6 million
- MCWRA is a subrecipient via CCR of \$283,000 for administrative/staff time in support of the permit coordination, design and construction.
- Design and Construction via CCR
 - \$103,000 – Permit Coordination
 - \$820,000 – Design and Construction

Total Project Award: \$1.2 million

Other partners/subrecipients include California Coastal Wetlands Group (CCWG)

OSR Slide Gate





Scope of Work

Task 1 – Project Administration

MCWRA efforts under Task 1 will include:

- Assist CCR in preparation of documents for procurement of contractors/consultants for project-specific tasks, e.g. Request for Proposals and service agreements.
- Prepare and submit quarterly invoices and progress reports.
- Participate in meetings with CCR, CCWG, or NOAA grant team on project-specific topics.
- Conduct QA/QC on deliverables as listed in Task 2.

Task 2 – Upgrade hydrologic control structures

MCWRA efforts under Task 2 will include:

- Subtask 2.1 – Permit Coordination
 - Identify necessary permit requirements, in coordination with CC&R and CCWG, for Subtasks 2.4 and 3.2. Integrate or align permitting efforts with the Salinas River Operations Habitat Conservation Plan, to the extent feasible.
 - Complete a contract with a permit coordination consultant.
 - Oversee required public outreach associated with permitting, as applicable.
 - Coordinate with NOAA grant team on environmental compliance.
 - Apply for and obtain permits necessary to complete construction, grading, and wetland restoration activities.

Scope of Work

- Subtask 2.3 – Design of new water control structures
 - Complete a Request for Bid process for design and construction work on the water control structures.
 - Retain a Water Control Engineer Contractor to complete design work for new or upgraded water control structures.
 - Review HEC-RAS fluvial modeling results produced in Subtask 2.2 to inform anticipated changes in conditions related to flow capacity and/or sea level rise in and around the Salinas River Lagoon.
 - Complete a comprehensive evaluation of the existing condition of the control structure.
 - Coordinate with Water Control Engineer Contractor to develop 100% design documents for new or upgraded water control structures.
- Subtask 2.4 – Construct/upgrade control structure
 - Working with the Water Control Engineer Contractor selected for Subtask 2.3, complete construction of activities identified in the 100% design.
 - Obtain a final as-built design of upgraded control structure and documentation of all activities.

Design Criteria and Considerations

- Infrastructure Resilience
- Fish passage
- Maintenance Access and Safety
- Actuator operation
- Slide gate design
- Debris and sediment
- Wave run up
- Erosion protection
- Remote Operation/SCADA





Project / Grant Timeline

- Environmental Permitting: 2024 - 2025
- Engineering Design: 2025 – 2027
- Project Construction: 2027 – 2029

Grant Term: October 1, 2024 – September 30, 2029



QUESTIONS