## The Malibu Living Shoreline Project









#### **Historical Wetlands**



### Malibu Living Shorelines Restoration Project

Historical Beach and Dune Systems at Zuma County Beach and Point Dume (Westward Beach)



Data Source: Wetland Extent derived from Historical T-Sheet 1857, 1877 (SFEI, SCCWRP, CSUN)

### **Project Goals**

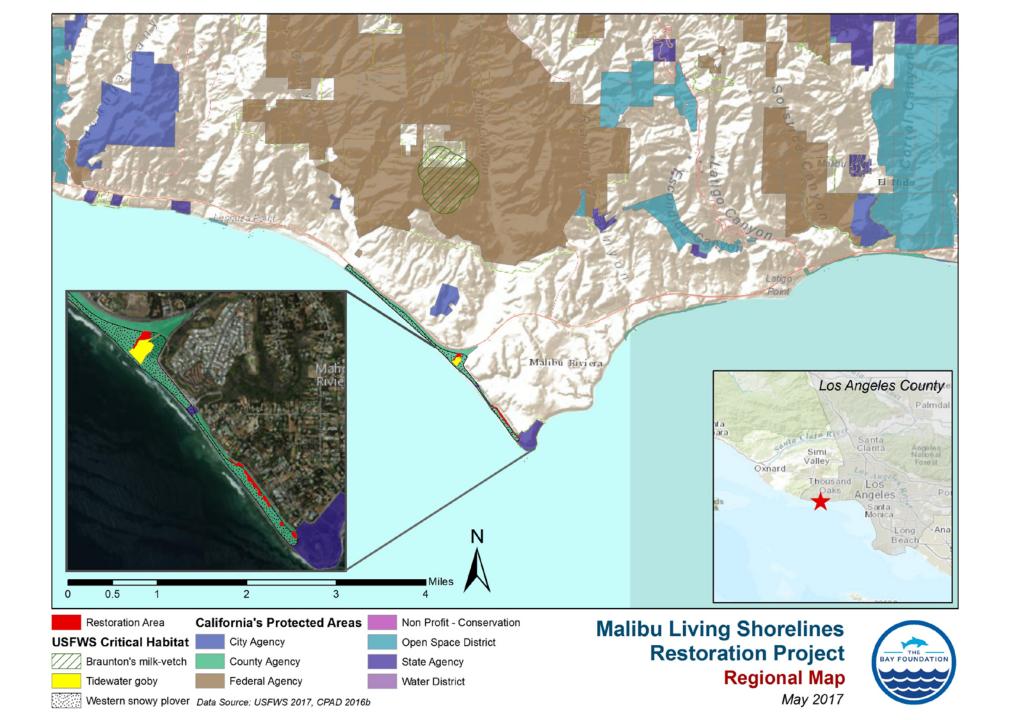
# Restore ~3 acres of sandy beach and dune habitat at Zuma and Westward Beaches

1 – increase the resiliency of the shoreline through the restoration of sandy beach and dune habitat

2 – implement "soft-scape" protection measures against sea level rise and coastal storms

3 – increase engagement of the community through enhanced beach experiences, outreach, and education

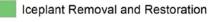






### **Proposed Restoration**

Dune Restoration



Malibu Living Shorelines Restoration Project

Restoration at Zuma County Beach (near Zuma Creek) Site-scale Map



Transitional Dune-Wetland Restoration Interpretive Signage — Symbolic Fence Pathway

May 2017



### **Proposed Restoration**



### Malibu Living Shorelines Restoration Project Restoration at Westward Beach (Point Dume)

THE BAY FOUNDATION

May 2017

Site-scale Map

## **Project Tasks**

