

BEACON

Looking to the Future

Climate Change and Sea Level adaptation

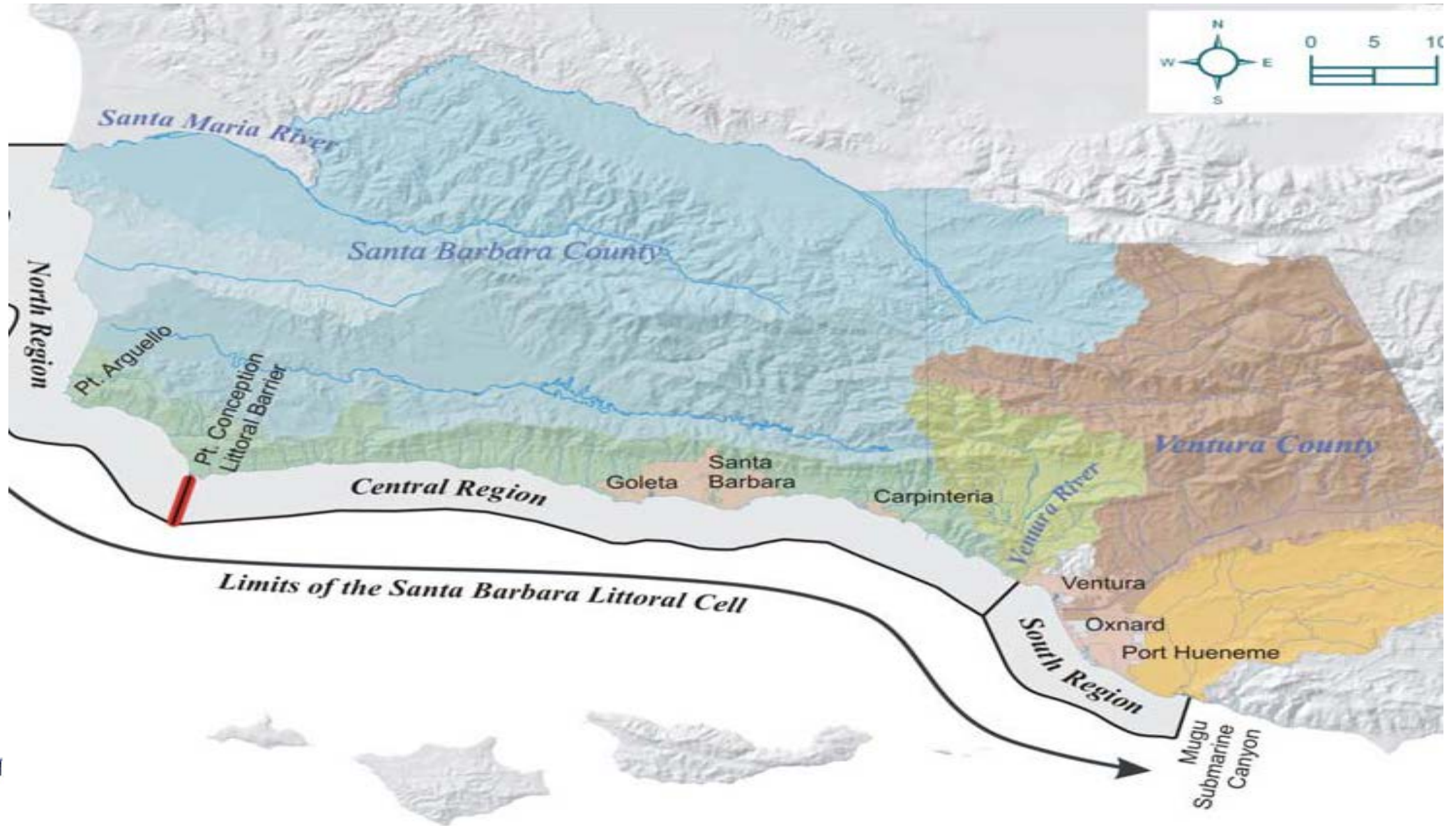
Regional Sediment Management

Coastal Erosion and Managed Retreat

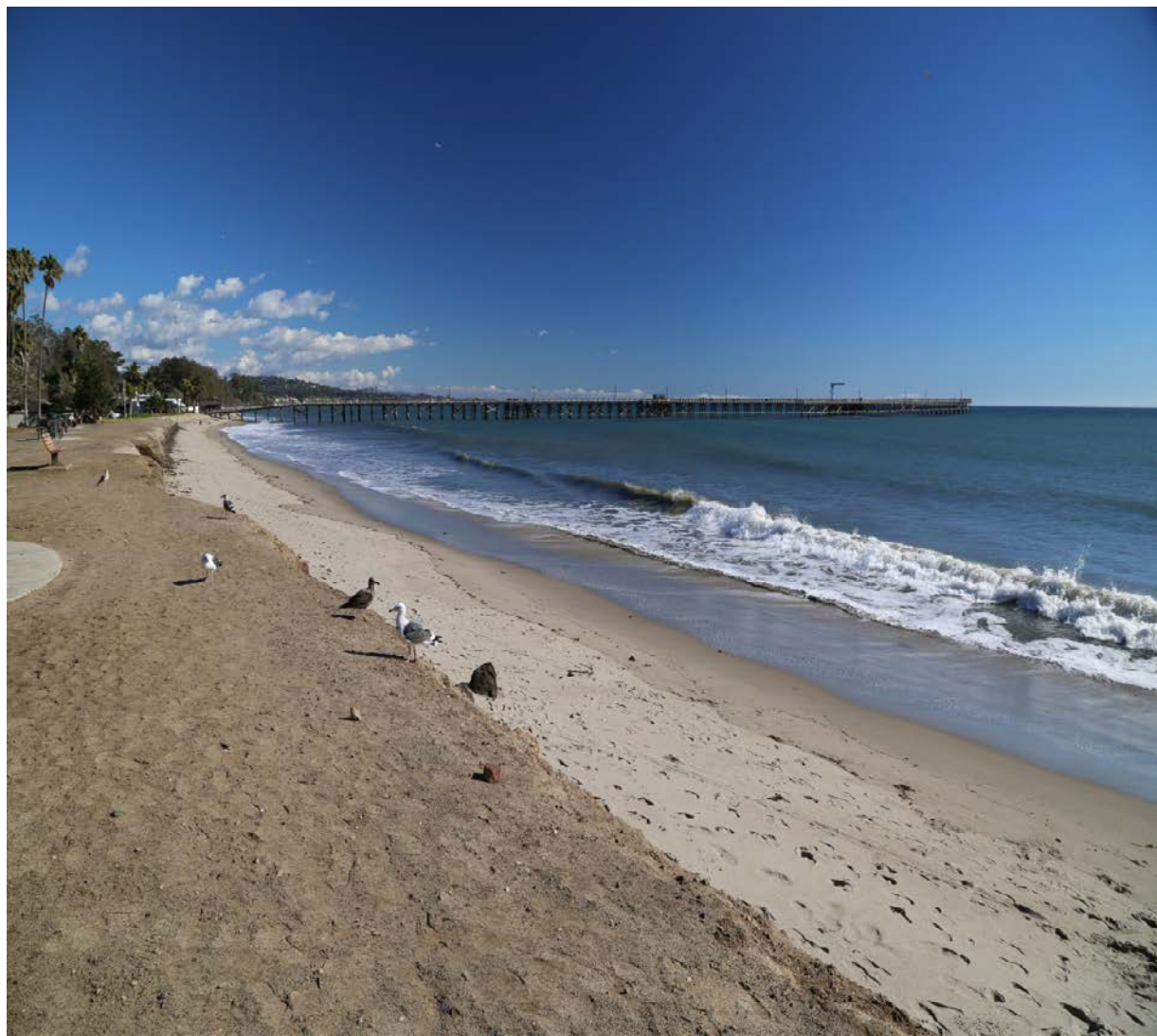
Living Shorelines



The BEACON Coast



Goleta Beach



Santa Barbara



County of Santa Barbara



Carpinteria



Ventura County Beach



City of Ventura



City of Oxnard

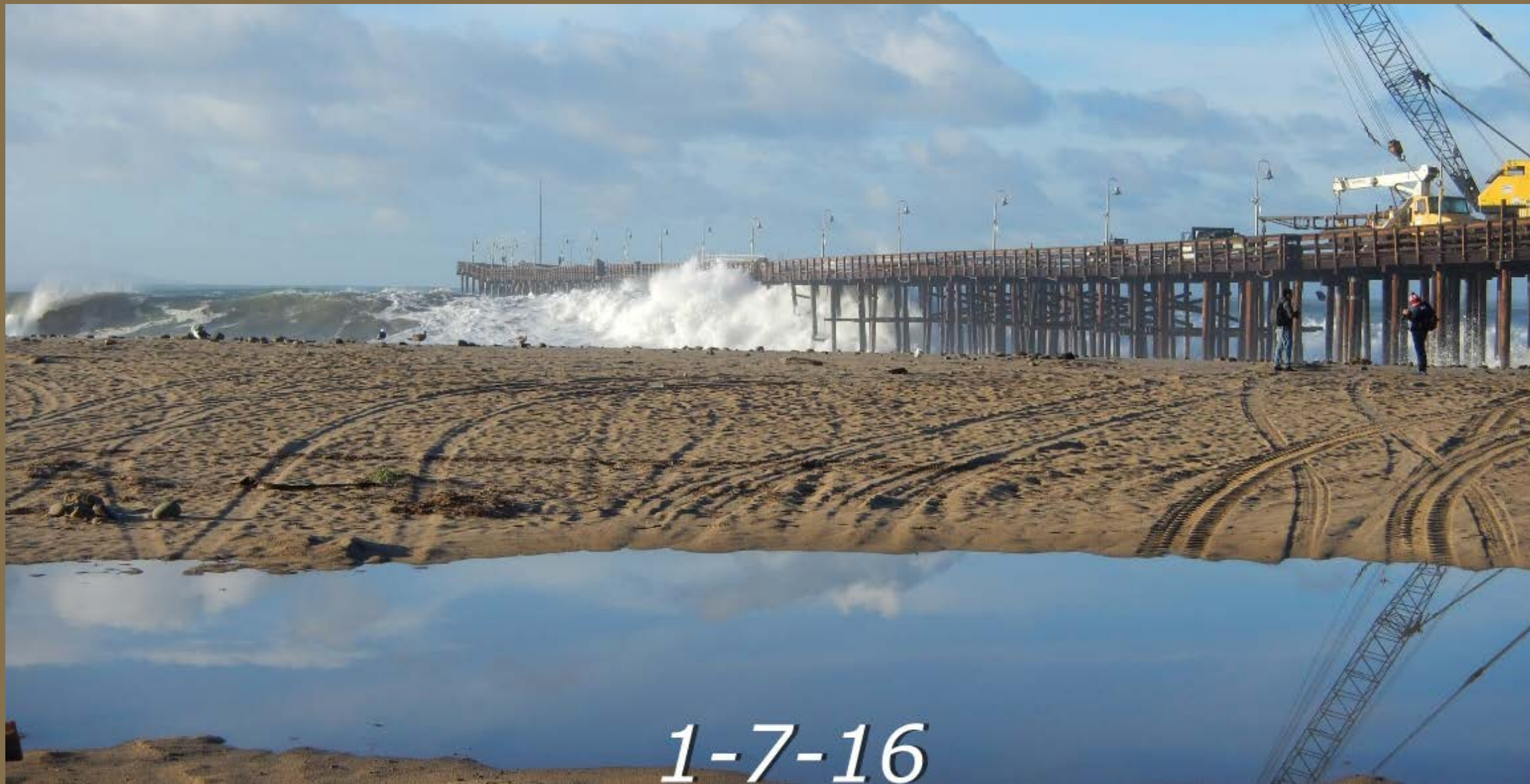


City of Port Hueneme





1-7-16





Goleta Beach photo Ray Ford



Santa Barbara photo Ben Hyatt



County of Santa Barbara- NOAA
photo



Carpinteria



Ventura County



City of Ventura



BEACON: Purpose

- Address Coastal Erosion
- Address Clean Oceans
- BEACON's potential to contribute to climate change planning, focused on regional mitigation and adaptation initiatives



The BEACON Promise: Regional Problems, Regional Solutions

- Shared Understanding
- Shared Education
- Shared Best Practices
- Shared Funding and Financing
- Shared Restoration Projects
- Shared Technical, and Scientific Data



BEACON: A RECORD OF ASSISTANCE AND ACCOMPLISHMENT

- Sponsored Goleta Beach Sand-Dwelling Kelp restoration project with Bob Kiel and Greg Christman
- Currently partnered with SB Co. after being successful in obtaining an OPC Grant to retrofit debris dams in SB creeks to promote habitat restoration and sediment transport.
- Pursuing DBAW grant for a living shoreline/ dune restoration project in the East Beach area of the City of Santa Barbara.
- Pursuing funding for the 2nd phase of the nationally acclaimed Surfer's Point Managed Retreat Project.
- Interacting with Planning staff of member jurisdictions on Sea Level Rise and Coastal Resiliency Strategies.







3-9-16

Resilient Shorelines Policy Implementation

- Living Shorelines
 - Kelp, eelgrass, oyster beds, beaches and dunes, etc.
- Habitat and Coastal Resources Restoration
 - Coastal wetland restoration
- Green, or Natural, Infrastructure
 - Geo-engineered cobble beaches
- Managed Retreat
 - Surfers Point Managed Retreat Project



Need for Expanded Regional Efforts

- Establish vision, goals and objectives for addressing climate change and sea level rise along BEACON coast
- Discuss and evaluate best process for successful adaptation planning
- Update CRSMP to incorporate sea level rise impacts
- Integrate living shorelines and natural systems into restoration programs under Resilient Shorelines Strategy



BEACON: Next Steps

- **BEACON has support of agency staff to carry out robust regional coastal erosion/sediment management policy and projects**
- **Agency staff support BEACON increasing activities in several complementary activities**
- **BEACON member agency staff already involved in climate and sea level adaptation activities**
- **BEACON can provide important policy, technical, funding, and partner roles in regional adaptation efforts**
- **BEACON should increase outreach and partnership efforts**



