

December 04, 2025

Regional Shoreline Monitoring Program - 2024 Annual Report and Open Data Portal Dashboard

Overview

With over 70 miles of coastline, San Diego is known world-wide for its dramatic shoreline and beautiful beaches. However, with climate hazards such as increasing global temperatures and rising sea levels, policy makers are challenged with sustaining San Diego's beaches and addressing new threats to coastal infrastructure. As a response to these threats, SANDAG established the Shoreline Preservation Working Group (SPWG) in the 1980s to address regional shoreline erosion and preservation issues through policy, planning, regional monitoring, and the implementation of projects. An overview of the [2024 Regional Shoreline Monitoring Program \(RSMP\) Annual Report](#) and results from 2025 monitoring will be presented. SANDAG staff will also showcase the draft Regional Shoreline Monitoring Program Open Data Portal (ODP) Dashboard.

Key Considerations

- In 1996 the SPWG established the RSMP to better track beach width change over time. The RSMP tracks the status and trends of sand movement across the region's beaches and is funded by the coastal jurisdictions. Monitoring reports are presented to the SPWG biannually to help make decisions on sediment management. In addition, SANDAG staff manages a robust monthly photographic monitoring program at 38 sites along the coast within the San Diego region. These photographs and reports are saved on SANDAG's digital server and posted to the SANDAG website annually.
- SANDAG has created and maintains an [Open Data Portal](#) that allows the public to explore, visualize, and download publicly accessible data for the San Diego Region.
- As part of the Open Data Portal, SANDAG created a draft dashboard for the 2024 Regional Shoreline Monitoring Program Annual Report data. The dashboard provides interactive visualizations for several data components from the 2024 Annual Report, including mean sea level beach width change, shore zone volume change, shoreline change since fall 2000 by transect, and the associated transect photograph library. It is SANDAG's intent to include all the monitoring data currently held by SANDAG and to utilize the ODP for future reports.

SANDAG is looking for SPWG member feedback on the draft ODP dashboard for the Regional Shoreline Monitoring Program to maximize its usefulness to the local jurisdictions and the public.

Action: **Discussion**

An overview of the 2024 Regional Shoreline Monitoring Program (RSMP) results and the unveiling of the draft Open Data Portal dashboard for the RSMP will be presented to the Shoreline Preservation Working Group (SPWG). The SPWG is asked to provide feedback on the draft dashboard.

Fiscal Impact:

SANDAG on behalf of the local jurisdictions funds the Regional Shoreline Monitoring Program (RSMP) through the local, coastal cities' annual membership assessment fees.

Schedule/Scope Impact:

The draft RSMP 2024 data will be available for review by the SPWG members for a 60-day period.

Next Steps

SANDAG will distribute the 2024 RSMP Annual Report to the SPWG members and staff for review. Access to the draft ODP dashboard for the Regional Shoreline Monitoring Program will be provided to SPWG members and staff for a 60-review period for feedback. All feedback is requested to be submitted to Courtney Becker at courtney.becker@sandag.org.

Keith Greer, Deputy Director Environmental Compliance and Climate

Attachment: 1. [2024 Annual Regional Shoreline Monitoring Report](#) (provided as hyperlink)