

Technical Report 0970

Southern California Bight 2013 Regional Monitoring Program Contaminant Impact Assessment Synthesis Report Executive Summary

Southern California Bight 2013 Regional Monitoring Program Contaminant Impact Assessment
Planning Committee

ABOUT THIS REPORT

This report is the executive summary of an integrative summary document synthesizing key findings about how sediment contamination has impacted marine ecosystems across 1,539 square miles of Southern California's coastal waters. The Contaminant Impact Assessment Synthesis Report reflects the findings of five reports produced by the Southern California Bight 2013 Regional Monitoring Program that chronicle the multiple scientific approaches taken to assess ecosystem impacts: Sediment Quality (Volume IV), Sediment Toxicity (Volume I), Benthic Infauna (Volume VI), Demersal Fishes and Megabenthic Invertebrates (Volume VII) and Contaminant Bioaccumulation (Volume V). The detailed technical reports are available online at www.sccwrp.org/documents. In previous iterations of the Bight monitoring program, the Contaminant Impact Assessment element was known as the Coastal Ecology element.

In addition to the Contaminant Impact Assessment element, which focuses on sediment contamination, the Bight '13 program examined four other aspects of Southern California's coastal ocean: the relative impacts of fishing vs. pollutant discharges on Bight subtidal rocky reefs (Volume II), the spread of trash and marine debris across aquatic environments (Volume III), the identification of human sources of microbial contamination in coastal runoff (to be published in 2017) and the effects of nutrient loading on Bight geochemical cycling (to be published in 2018).

Full Text

http://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/970_Bight13CIASynthesisReportExecutiveSummary.pdf