



## FEMA Leverages NOAA Water Level Data for CCAMP OPC Study Along California Coast

FEMA partnered with the National Oceanic and Atmospheric Administration (NOAA) to obtain comprehensive water level records for all long-term tide stations in the California Coastal Analysis and Mapping Project (CCAMP) Open Pacific Coast (OPC) Study area. In collaboration with FEMA's study contractor, BakerAECOM, the study team developed multiple water level data products that provide the foundation for the coastal flood hazard analyses in California and will assist future investigators for years to come. [-continue reading-](#)



## FEMA Holds South Bay Workshop to Kick-off Detailed Analysis in the South Bay Counties

FEMA, and the Santa Clara Valley Water District, recently hosted a joint workshop to kick-off the detailed coastal hazard analysis phase of the San Francisco Bay Area Coastal Study in the South Bay. The South Bay region is a nexus for several large-scale efforts designed to assess the challenges of coastal flooding and sea level rise, including Our Coast Our Future, the Shoreline Study, the South Bay Salt Pond Restoration Project, Adapting to Rising Tides, and Silicon Valley 2.0. The workshop brought all of these efforts together with the goal of increasing awareness and enhancing coordination. [-continue reading-](#)



## Translating Coastal Flood Hazard Modeling Results into Floodplain Mapping

FEMA coastal flood hazard mapping under CCAMP follows guidelines set forth in [FEMA's Final Draft Guidelines for](#)

[Coastal Flood Hazard Analysis and Mapping for the Pacific Coast of the United States \(2005\)](#). This article summarizes some of the important considerations that go into coastal floodplain mapping, with a focus on two dominant coastal processes relevant to CCAMP: wave runoff and overland wave propagation. [-continue reading-](#)



## FEMA Publications and Recommended Training for Coastal Communities

The Federal Emergency Management Agency (FEMA) offers a variety of resources to inform and assist community decisions regarding smart land-use planning and encourage long-term safety and sustainability. This article focuses on printed media and training available to assist community officials in coastal areas. [-continue reading-](#)



## Mitigation Planning Series: Mitigation Action Strategy Ideas to Address Coastal Hazards

A community's hazard mitigation plan (HMP) must include a number of elements to attain FEMA approval, required as a condition for receiving certain types of non-emergency disaster assistance. The heart of an HMP is the Mitigation Action Strategy, which identifies mitigation actions to reduce the risks from a community's natural hazards. The strategy is a community's approach for implementing mitigation activities that are cost-effective, technically feasible, and environmentally sound as well as allowing strategic investment of limited resources. [-continue reading-](#)

