

“Analysis of Groundwater in Coastal San Diego, California”

Understanding of groundwater in coastal San Diego is limited. Over the past 10 years, the United States Geological Survey (USGS) has been drilling deep monitoring wells and collecting geologic and hydrologic data. Water-level data from these wells, along with water-level contour maps made in the early 1900s, aid us in understanding the groundwater flow system. Recent data illustrate three-dimensional changes in water levels and responses to groundwater pumping. These data help us infer geological structures, which in turn control groundwater flow.