



# City of Del Mar



## MEDIA ALERT

**FOR IMMEDIATE RELEASE**

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### **Draft Del Mar Vulnerability and Risk Assessment Study Reveals Projected Impacts Due to Sea-Level Rise, Storm Surge and Coastal Flooding**

**Del Mar, CA** (May 12, 2016) – In coordination with the City’s Sea-Level Rise Stakeholder-Technical Advisory Committee (STAC) and Environmental Science Associates (ESA), the City of Del Mar has completed a Draft Coastal Hazards, Vulnerability and Risk Assessment Study. Funding for the draft Study was provided through a grant from the California Ocean Protection Council with matching funds provided by the City Council. The draft Study is available for review at: [www.delmar.ca.us/sealevelrise](http://www.delmar.ca.us/sealevelrise).

Since July 2015, STAC has held nine public meetings including a community forum to discuss sea-level rise with residents and key stakeholders. Upcoming STAC meetings are scheduled for June 9 and July 21 from 4:00 to 6:00 PM to consider recommendations to the City Council as to how the City can adapt to future changes.

The draft Study uses storm-modeling to answer important questions about the scale and shape of what future flood and erosion scenarios could look like in 2030, 2050, 2070, and 2100. It also exposes Del Mar’s vulnerability to sea-level rise, beach and bluff erosion, and river flooding.

Conservative projections indicate that the City will experience a 5-inch increase in sea-level rise by 2030, increasing to 12 inches by 2050, 1.7 feet by 2070, and 3.1 feet in 2100. In other words, for those who remember the historic floods of 1980 and 1983, the effects Del Mar experienced as part of those storms are considered to have a 1% to 5% chance of occurrence in any given year. The draft Study projects that the chances of these extreme floods could increase to 15% by 2030 to 2050, 50% by 2070, and up to 100% by 2100, with severe flooding occurring every year.

Under the guidance of STAC, the draft Study was prepared as part of a two-year policy

work program slated for completion by the City Council in May 2017. The draft study is a key part of the underlying foundation for an Adaptation Plan – the City’s long-range planning tool to assist the community to address the effects of sea-level rise and increased flooding and erosion.

As the part of the work program, the City has held several public meetings to discuss these issues with residents to obtain community input, and inform key stakeholders of the issues. The City wishes to thank its community members and STAC volunteers for their valuable contributions to date.

More information on STAC and the City’s work program is available at:

[www.delmar.ca.us/sealevelrise](http://www.delmar.ca.us/sealevelrise)

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