

Planning for Coastal Storm and Erosion Hazards



Coastal hazards are a widespread challenge that cost millions (and sometimes billions) of dollars in the U.S. every year due to property loss and spending on mitigation measures. Based on the most recent U.S. Census, over 39% of the U.S. population lives in areas that may undergo significant coastal flooding during a 100-year flood event. Additionally, six of the ten most expensive weather-related disasters in U.S. history have been caused by coastal storms. Reducing risk and responding to coastal hazards is an ongoing challenge that relies on close coordination and cooperation between geoscientists, coastal planners, emergency managers, and communities at all levels.

An introductory talk and case studies from around the U.S. cover coastal storm and erosion hazards in the U.S., as well as examples of coastal hazard planning from the Pacific and Atlantic coasts, with a focus on how geoscience informs planning at all levels. Speakers from California and Georgia discuss the impacts of coastal storms and erosion, tools used for coastal hazard mitigation planning in their regions, and examples of community engagement and coordination.

The course presenters are Maria Honeycutt from the NOAA Office for Coastal Management, Jeff Taebel from the Houston-Galveston Area Council, and Jennifer Kline from the Georgia Department of Natural Resources.

Organization:

- American Geosciences Institute

CEUs:

0.10

Link to GOLI Course:

<http://bit.ly/goli-AGI017-about>
