U.S. Department of the Interior
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Scientific Investigations Map 2944
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Sand Waves at the Mouth of San Francisco Bay, California

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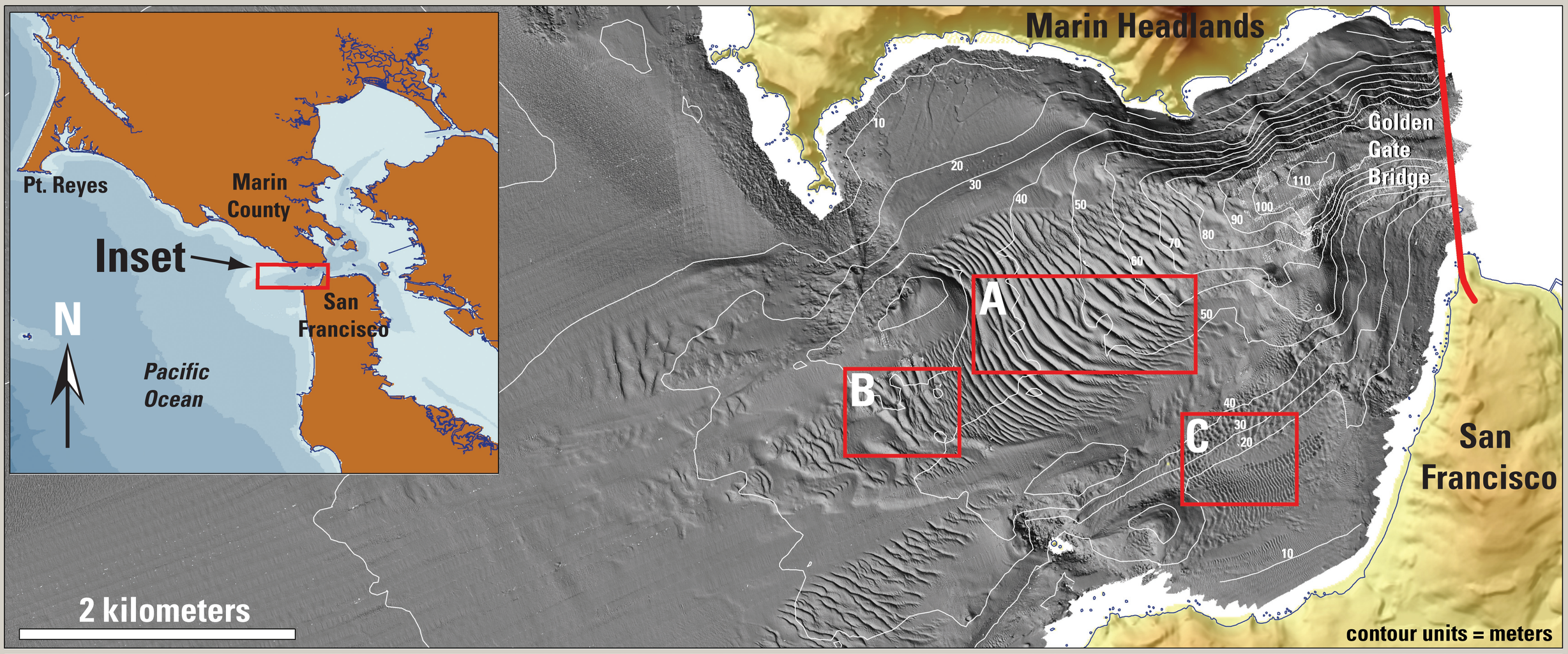

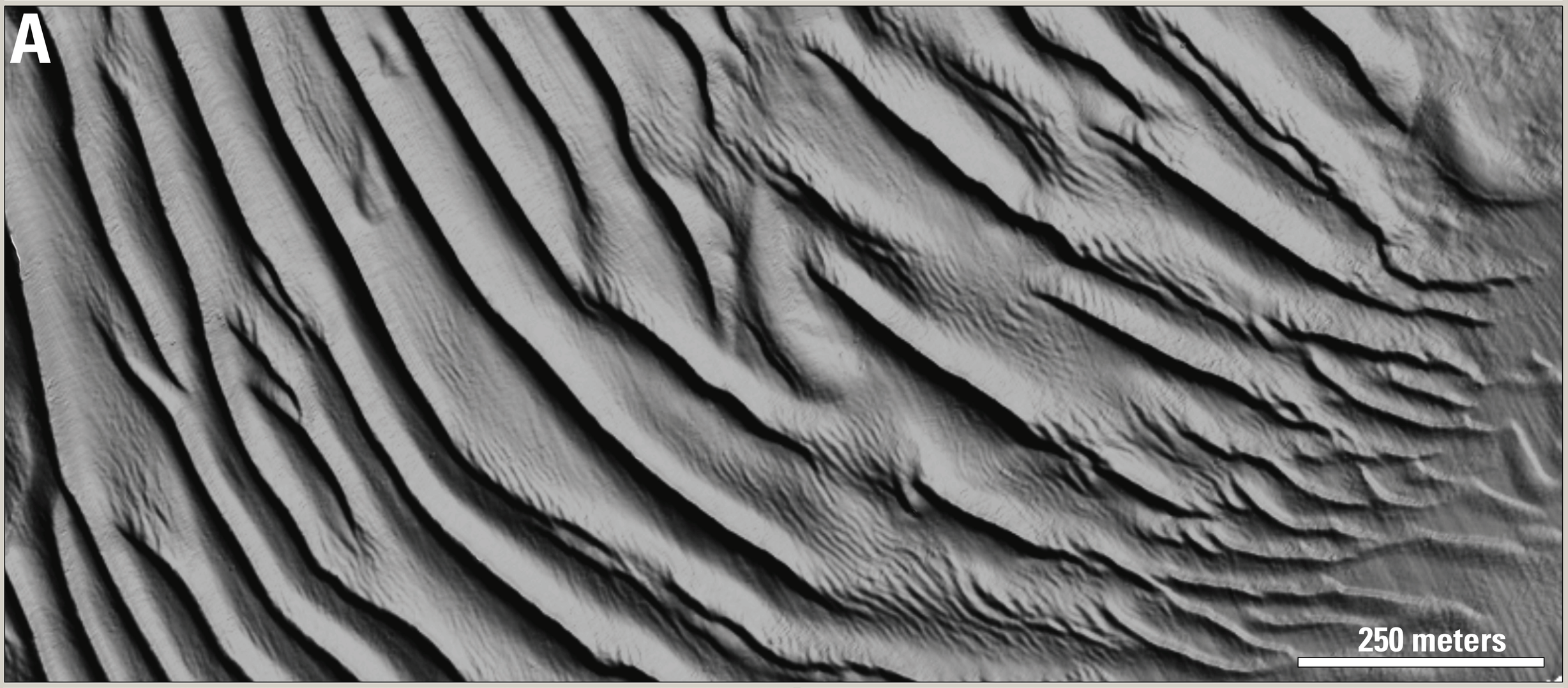

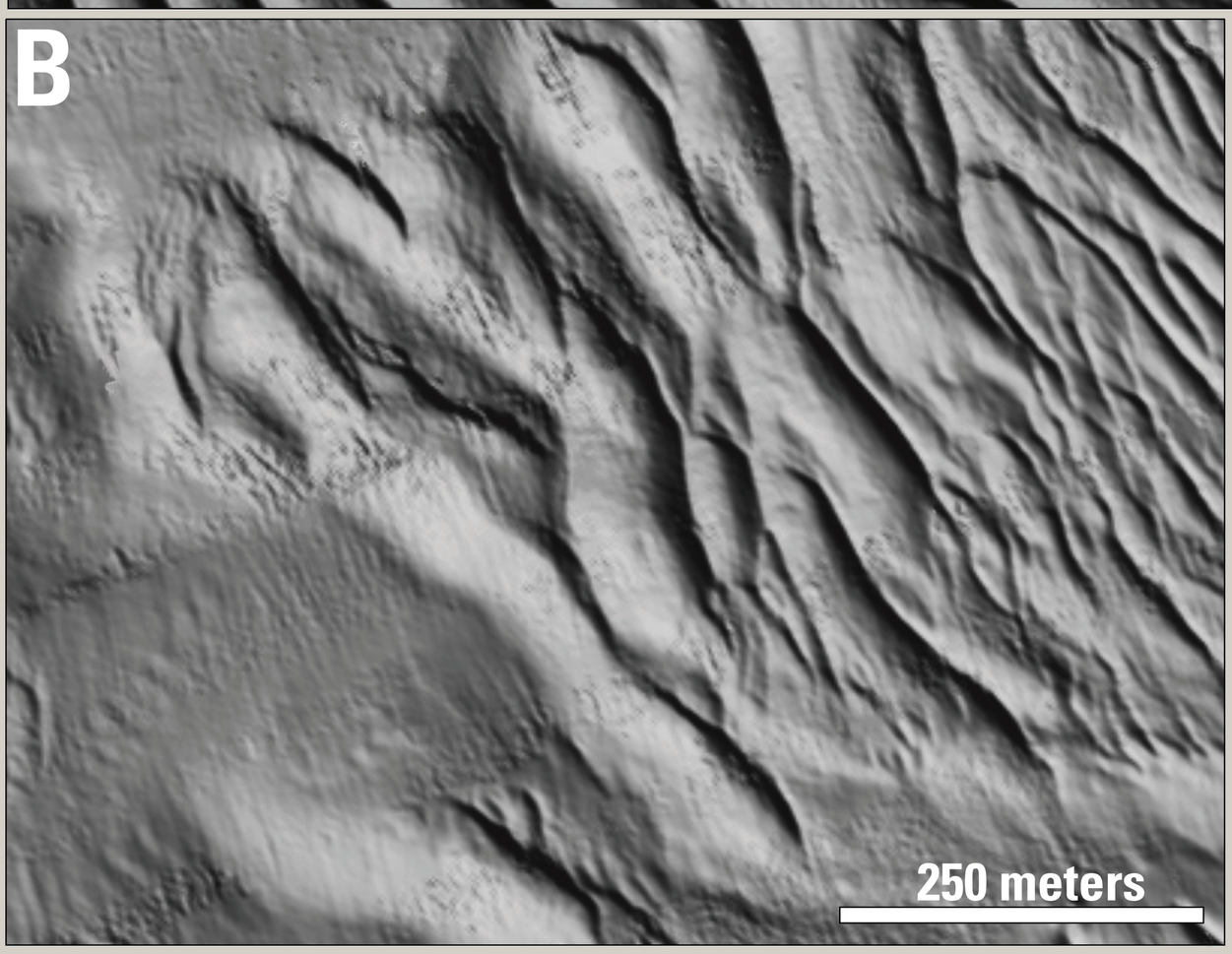

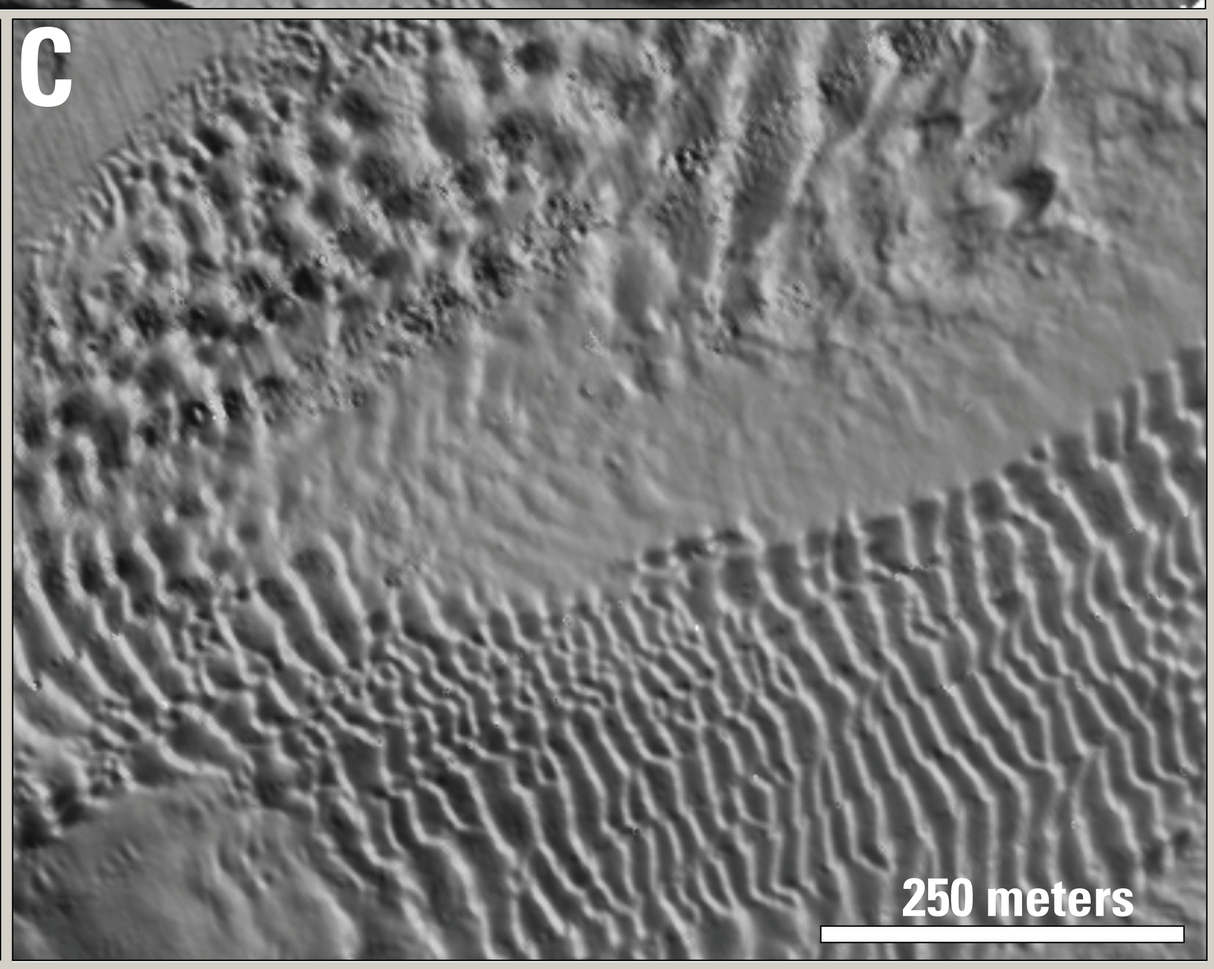

Diverse sand waves at the mouth of San Francisco Bay, just seaward of the Golden Gate Bridge. Shaded relief created from a 2-m bathymetric grid with 5x vertical exaggeration, sun elevation of 45 degrees, and a sun azimuth of 45 degrees. A) Ebb-dominated sand waves have wavelengths as great as 150 m and have superimposed sand waves with 5-10 m wavelengths. B) Irregular sand waves seaward of the main sand wave field. C) 20-30 m wavelength linguoid sand waves (upper left) and 15-20 m wavelength flood-dominated sand waves (lower right). No data were collected in the regions shaded white.

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For more information on this study, go to http://walrus.wr.usgs.gov/coastal_processes/

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