

Coastal Research; New Findings Reported from University of Texas Describe Advances in Coastal Research [Applications of Coastal Data Collected in the Texas High School Coastal Monitoring Program (THSCMP)]

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2017 JUN 9 (VerticalNews) -- By a News Reporter-Staff News Editor at Ecology, Environment & Conservation -- A new study on Coastal Research is now available. According to news reporting originating in Austin, Texas, by VerticalNews journalists, research stated, "The Texas High School Coastal Monitoring Program (THSCMP) engages students and teachers who live along the Gulf of Mexico in the study of their natural environment. Scientists from the Bureau of Economic Geology (BEG) at The University of Texas at Austin show middle and high school students and teachers how to measure topography, map vegetation lines and shorelines with GPS, and observe weather and wave conditions."

The news reporters obtained a quote from the research from the University of Texas, "The students are active participants in the research project, which has the dual benefit of enhancing their science education while providing valuable data on the dynamic coastline. Students collect critical scientific data that help scientists and managers address coastal issues and gain a better understanding of dune and beach dynamics on the Texas coast. Since the THSCMP began in 1997, data collected by students have been applied by scientists to investigate beach, dune, and vegetation-line recovery following several tropical cyclones, including Hurricane Ike in 2008. Student-collected data are used to monitor the effects of nourishment projects on South Padre Island, foredune changes on Mustang Island, geotextile tubes on Galveston Island, and jetty construction on Matagorda Peninsula. Student data are also used in verifying shoreline positions for updates of Texas' long-term shoreline change rates."

According to the news reporters, the research concluded: "Through these real-world examples of scientific observations, students gain a better understanding of environmental issues affecting their communities."

For more information on this research see: Applications of Coastal Data Collected in the Texas High School Coastal Monitoring Program (THSCMP). Journal of Coastal Research, 2017;33(3):738-746. Journal of Coastal Research can be contacted at: Coastal Education & Research Foundation, 5130 Nw 54TH Street, Coconut Creek, FL 33073, USA.

Our news correspondents report that additional information may be obtained by contacting T.L. Caudle, Univ Texas Austin, Bur Econ Geol, Jackson Sch Geosci, Austin, TX 78759, United States.

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