

**U.S. Department of the Interior
U.S. Geological Survey**

**PUBLICATIONS
OF THE
LOUISIANA BARRIER ISLAND
EROSION STUDY**

by

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This report is preliminary and has not been reviewed for conformity with USGS editorial standards or with the North American Stratigraphic Code. Opinions and conclusions expressed herein do not necessarily represent those of the USGS. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

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Introduction

The Louisiana Barrier Island Erosion Study was a cooperative investigation conducted by the U.S. Geological Survey (USGS) and the Louisiana Geological Survey (LGS) over a 5-year period (1986-1990). Encompassing the coastal deltaic plain region of south-central Louisiana, the study focussed primarily on the geologic framework and evolution of the coast and inner continental shelf, the critical coastal and nearshore processes, and the transfer and application of the scientific results to a broad audience. As one of nine studies of the USGS National Coastal Geology Research Program, the results of this study are becoming the foundation on which other studies in the Gulf of Mexico region are building.

The publications listed in this report represent interim and final results, as of the date of this report, of research investigations conducted not only by the USGS and the LGS but also by the Louisiana State University and other universities as well. Copies of this open-file report as well as copies of the publications referenced may be obtained from the authors or from the USGS Books and Open-File Reports Section, Branch of Distribution, Box 25425, Federal Center, Denver, CO, 80225.

The USGS National Coastal Geology Research Program is headquartered in St. Petersburg, Florida, with additional personnel based in Reston, Virginia; Woods Hole, Massachusetts; and Menlo Park, California.

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