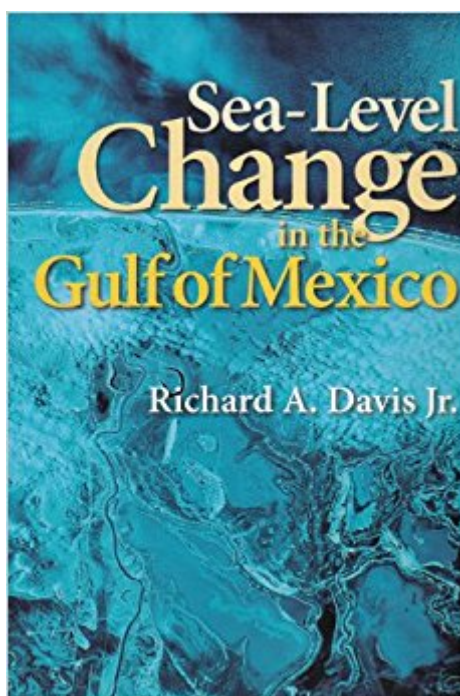


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Sea-Level Change In The Gulf Of Mexico (Harte Research Institute For Gulf Of Mexico Studies Series)



Synopsis

A must-read for Gulf Coast scientists, naturalists, and residents . . . From Florida to Mexico and along the shores of Cuba, the coasts of the Gulf of Mexico are vulnerable to sea-level rise because of their fragile and low-lying shorelines and adjacent coastal environments. In addition to wetlands, river deltas, beaches, and barrier islands, millions of people who live and work along the Gulf coast are susceptible to the affects of both intense storms in the short term and a gradual rise in sea level over the longer term. While global warming headlines any current discussion of this topic and is certainly a major factor in sea-level change, it is not the only factor. Earthquakes and other crustal shifts, the El Niño/La Niña phenomena, river impoundment and sedimentation, tides, and weather can all affect local, regional, and global sea levels. In *Sea-Level Change in the Gulf of Mexico*, Richard A. Davis Jr. looks at the various causes and effects of rising and falling sea levels in the Gulf of Mexico, beginning with the Gulf's geological birth over 100 million years ago, and focusing on the last 20,000 years, when global sea levels began rising as the glaciers of the last major ice age melted. Davis reviews the current situation, especially regarding beach erosion and loss of wetlands, and offers a preview of the future, when the Gulf Coast will change markedly as the twenty-first century progresses. Amply illustrated and written in a clear, straightforward style, *Sea-Level Change in the Gulf of Mexico* is a valuable resource for anyone who cares deeply about understanding the past, present, and future of life along the coast of the Gulf of Mexico.

Book Information

Series: Harte Research Institute for Gulf of Mexico Studies Series

Paperback: 192 pages

Publisher: Texas A&M University Press; First Edition edition (May 18, 2011)

Language: English

ISBN-10: 1603442243

ISBN-13: 978-1603442244

Product Dimensions: 8.7 x 0.6 x 11.3 inches

Shipping Weight: 1.6 pounds

Average Customer Review: 3.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #815,502 in Books (See Top 100 in Books) #186 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #325 in Books > Science & Math > Nature & Ecology > Oceans & Seas > Oceanography #589 in Books > Science & Math > Nature & Ecology > Ecosystems

Customer Reviews

"The text is well written and passionate, and is amply and beautifully illustrated with photographs, maps, and graphs, many in color. Each chapter includes important readings for further study. A valuable resource for anyone interested or invested in the future of the Gulf Coast."--P.R. Pinet, Colgate University, Choice Magazine (Richard A. Davis Jr. Choice 2011-11-29)

Richard A. Davis Jr. is distinguished university professor emeritus at the University of South Florida and a professor and research associate at the Harte Research Institute for Gulf of Mexico Studies, Texas A & M University, Corpus Christi. Â

This is one of the Harte Institutes staff reporting his work and others. It's thorough and good, exactly what it says. It's dry reading but it's an academic so you expect that. There are no political sidebars; it's all straight reporting of the research findings.

This book was technical, scientifically based, and informative. The current and coming changes in the Gulf are disheartening. As a person concerned about the health of the Gulf and its' natural inhabitants I see that more destruction to the fisheries, the beaches and the economy of the area is certain.

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