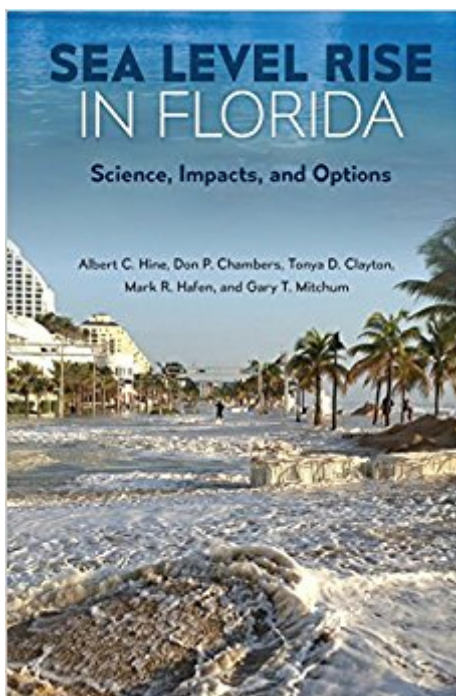


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# Sea Level Rise In Florida: Science, Impacts, And Options



## Synopsis

“A scientifically credible and highly readable account of what is likely the greatest threat to Florida’s environment, economy, and culture over the coming decades.” —Reed F. Noss, author of *Forgotten Grasslands of the South*

“Every Floridian should read this book. It is the clearest and most readable description of how and why the sea level changes and what the future has in store for us.” —Orrin H. Pilkey, coauthor of *Global Climate Change: A Primer*

Sea levels are rising globally and in Florida. Climatologists, geologists, oceanographers, and the overwhelming majority of the scientific community expect a continuation of this trend for centuries to come. While Florida’s natural history indicates that there is nothing new about the changing elevation of the sea, what is new and alarming is the combination of the rising seas and the ever-growing, immobile human infrastructure near the coasts: high-rise condos, suburban developments, tourist meccas, and international metropolises. The stakes are particularly high in Florida, where much of the landscape is already topographically low and underlain by permeable limestone. Modern-day sea-level rise poses unprecedented challenges for sustainability, urban planning, and political action. *Sea Level Rise in Florida* offers an in-depth examination of the rise and fall of sea levels in the past and the science behind the current data, both measured and projected. The authors also discuss ongoing and potential consequences for natural marine and coastal systems and how we can begin to plan strategically for the inevitable changes.

## Book Information

Hardcover: 176 pages

Publisher: University Press of Florida (October 25, 2016)

Language: English

ISBN-10: 0813062896

ISBN-13: 978-0813062891

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 4 customer reviews

Best Sellers Rank: #448,421 in Books (See Top 100 in Books) #184 in Books > Science & Math > Nature & Ecology > Oceans & Seas > Oceanography #340 in Books > Science & Math > Nature & Ecology > Ecosystems #419 in Books > Science & Math > Earth Sciences > Rivers

## Customer Reviews

“This compact, well-illustrated volume clarifies the forces that cause sea level change and the consequences of such change. . . . A marvelous resource that brings together the thinking of committed experts in an attractive, coherent and positive manner.” Florida Weekly

Albert C. Hine, professor of geological oceanography in the College of Marine Science at the University of South Florida, is the author of *A Geological History of Florida*. Don P. Chambers is associate professor of physical oceanography in the College of Marine Science at the University of South Florida. Tonya D. Clayton is the author of *How to Read a Florida Gulf Coast Beach*. Mark R. Hafen is assistant director and senior instructor in the School of Public Affairs at the University of South Florida. Gary T. Mitchum is the associate dean for research for the College of Marine Science and professor of physical oceanography at the University of South Florida, as well as former director of the University of Hawaii Sea Level Center.

If I had the power to create a required reading list for Florida coastal residents, business owners, conservationists, and law-makers, *Sea Level Rise in Florida* would be at or near the top of the list. In plain, but compelling language and with outstanding graphics and illustrations, the authors relate what is happening in regards to sea level and its measurement, the impact that the changes are having (and will continue to have), and directions that citizens and communities might look to address the issues that face us — science, impacts, options. The authors carefully package the scientific data in a way that is not “dumbed down” but is still easily accessible to everyone - even someone like myself who spent a lifetime in the humanities, not the sciences. This book is about what is happening now. It is both a wakeup call and a call to action. Hopefully we are all listening.

A clear and easy read despite all the data and footnotes needed to show the validity of the various authors’ perspectives. Maybe because of all the data, one leaves the collection of essays with greater conviction than if the articles were breezy and cutesy. Hine et al. do a superb job in this thin but impressive book.

Excellent book. Shipped well. Thank you.

An eye opener

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