

(Pdf free) The Rising Sea

The Rising Sea

Orrin H. Pilkey

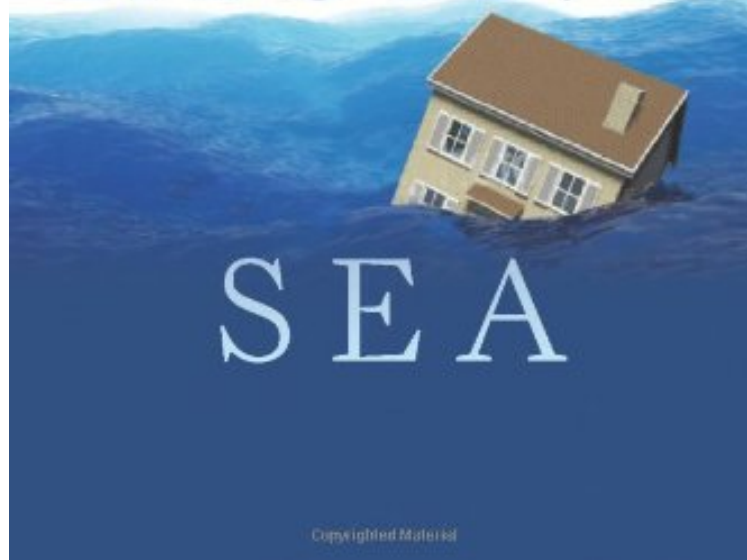
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Orrin H. Pilkey and Rob Young

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Orrin H. Pilkey : The Rising Sea before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Rising Sea:

6 of 6 people found the following review helpful. Review of The Rising Sea By Fitzgerald L. Booker Dramatic increases in sea level are possible in the next 50-100 years. The extent of sea level increase will depend on what nature and we do between now and then to our Earth's atmosphere and oceans. This book clearly summarizes the current changes in sea levels around the world, and what can be expected with anticipated changes in global climate trends. Importantly, the book includes guidelines for coping with foreseeable consequences of sea level rise. Sea levels are on the rise. There's no mistake about it. Imagine, for example, what the coast may look like in 50 years when the seashore

is 1000 feet inland from where it is now. All the ocean-front dwellings will need to be moved back from the encroaching sea. And this is for regions that can adapt to changing sea levels. Some island nations will disappear with the rising sea. Miami, Florida, is on the front-line for potential impact by rising sea levels and will need to adapt. All these issues are addressed in this book in a very readable way. The potential impact on New Orleans and the Gulf Coast is dramatically portrayed. A number of illustrations of past impacts of storms on these and other regions is reviewed. However, the connection between the recounts of past storm damages and impacts of climate change is somewhat difficult to interpret, expect to imply that future storms may be worse than the awful damage we've seen before. The real soul of the authors lies in recommendations for current shoreline management policies that will preserve their beauty and enjoyment for the public for the foreseeable future. Shorelines change and we need to adapt to those changes, not try to prevent them. There's lots to think about after reading this book. It's very readable and flows well. It would have benefited from additional editing as some parts are redundant and overall connections could be better made. It's a enjoyable book to read while at this beach this summer. 2 of 2 people found the following review helpful. Classic Pilkey By Glenn Klotz Dr. Orrin Pilkey (Coastal geologist) is America's leading critic of US Gov't policies along it's coast lines and one of the world's leading experts on all things Coastal. This book updates his positions on these issues plus warns all of us that the world's Oceans are rising (do to Global warming) and the pace is picking up! By 2100 he predicts in this book that they could rise by more then 20 ft., drowning most of the world's low lying regions and Islands and with it America's major coastal cities like NYC and Miami! Dr. Pilkey is a very serious scientist so these predictions and claims are not just speculation there founded on hard science. This book is easy to read and is a must for anyone seriously interested in our Coast lines and Oceans. Some scientific jargon but mostly written for a lay audience. All in all its a good read. 0 of 0 people found the following review helpful. Five Stars By PittsboroMike2012 very important info for those who want a survivable environment life in 2050

On Shishmaref Island in Alaska, homes are being washed into the sea. In the South Pacific, small island nations face annihilation by encroaching waters. In coastal Louisiana, an area the size of a football field disappears every day. For these communities, sea level rise isn't a distant, abstract fear: it's happening now and it's threatening their way of life. In *The Rising Sea*, Orrin H. Pilkey and Rob Young warn that many other coastal areas may be close behind. Prominent scientists predict that the oceans may rise by as much as seven feet in the next hundred years. That means coastal cities will be forced to construct dikes and seawalls or to move buildings, roads, pipelines, and railroads to avert inundation and destruction. The question is no longer whether climate change is causing the oceans to swell, but by how much and how quickly. Pilkey and Young deftly guide readers through the science, explaining the facts and debunking the claims of industry-sponsored "skeptics." They also explore the consequences for fish, wildlife, and people. While rising seas are now inevitable, we are far from helpless. By making hard choices—including uprooting citizens, changing where and how we build, and developing a coordinated national response—we can save property, and ultimately lives. With unassailable research and practical insights, *The Rising Sea* is a critical first step in understanding the threat and keeping our heads above water.

From Publishers Weekly Veteran academics Pilkey (The Corps and the Shore) and Young (a geoscientist and Pilkey's former student) team up to offer a rational approach to inevitably rising sea levels over the next century, an unprecedented problem for human civilization: for the first time a densely developed shoreline is putting the ways of life of millions of people at risk." Even with a significant reduction in carbon emissions, sea levels will continue to rise and, combined with increasingly severe storms, force a retreat from the shoreline. Thus, the authors make a strong case for an immediate halt to high-rise construction "in areas vulnerable to future sea level rise" coupled with the relocation of buildings and infrastructure, to be executed "when major maintenance is needed." Simultaneously, steps should be taken to protect coastal marshes, mangroves and especially coral reefs ("the most biologically diverse environments in the modern ocean"). Pilkey and Young make short work of costly plans like sea walls and artificial beaches, which provide no long-term protection. Pilkey and Young's balanced, optimistic perspective on the tough decisions that lie ahead should garner interest from policy makers and real estate developers as well as environmentalists. Copyright Reed Business Information, a division of Reed Elsevier Inc. All rights reserved. "A must read for all Americans. The authors are among our most eminent coastal scientists. They deliver, in clear and measured prose, an urgent message explaining how rising sea levels will affect New York, Miami, Houston, Los Angeles and every coastal community in our country."