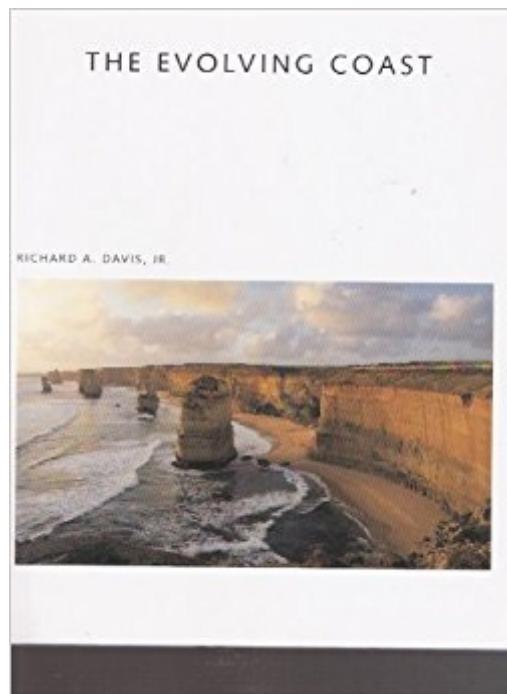


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# The Evolving Coast (Scientific American Library)



## **Synopsis**

A coastline can be a scene of dramatic confrontation or peaceful resolve as the water meets the land. In this strikingly illustrated volume, geologist Richard Davis explores the evolution, nature, and dynamics of all kinds of coastal systems—from rugged cliffs with crashing surf; to wide sandy beaches with gentle waves; to deltas, coastal bays, estuaries, lagoons, and barrier islands. Throughout, Davis focuses on the two major influences that shape a coastline's distinctive personality: tectonic plate movement within the earth and changes in sea level. He concludes by assessing the growing pressures that increased human and commercial activity are putting on natural coastal systems.

## **Book Information**

Series: Scientific American Library (Book 48)

Hardcover: 233 pages

Publisher: W H Freeman & Co (Sd); English Language edition (November 1993)

Language: English

ISBN-10: 0716750422

ISBN-13: 978-0716750420

Product Dimensions: 0.8 x 8.8 x 9.5 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 5 customer reviews

Best Sellers Rank: #1,515,009 in Books (See Top 100 in Books) #54 in Books > Science & Math > Earth Sciences > Geology > Geomorphology #3535 in Books > Textbooks > Science & Mathematics > Earth Sciences

## **Customer Reviews**

An outstanding addition to the literature on the geology of coastlines and the physical processes that shape them....The very high quality of photographs of coastal landforms are an outstanding feature; these photographs provide excellent illustrations of a large number of coastal landforms and conditions. -- Choice, April 1994Artists and nature lovers have long appreciated the ever-changing beauty of the world's coastlines. But only within this century have scientists begun to investigate in detail the processes that shape and reshape the coast. In *The Evolving Coast*, geologist Richard Davis introduces readers to the science behind this natural drama. He describes clearly and simply how long-term forces (tectonic plate movement and fluctuating sea levels) and short-term processes (such as the weather and the action of the waves and tide) determine the character of a coast.

Using breathtaking photographs, maps and drawings, Davis characterizes the habitats and formations found at land's edge. He concludes by commenting on another influential force of coastal change humanity. Vivid and informative, *The Evolving Coast* is an ideal book for anyone who has marveled at the majesty of the coast. 165 illustrations -- Book Description --This text refers to an out of print or unavailable edition of this title.

Richard A. Davis, Jr., is Distinguished Research Professor in the Geology Department at the University of South Florida in Tampa. --This text refers to an out of print or unavailable edition of this title.

My son, 14, is learning about estuaries and has found this book to be one of the more helpful ones he's read.

This was a textbook used in an oceanography class. What I enjoyed most is how the text bridged the scientific terminology and concepts into everyday understanding. This meant more to me as I lived in a maritime community. Very cool learning about my local environment so neatly. Any chance of this becoming a Kindle version?

i will come next time . It's an awesome product! Tried it immediately after I received it. The package is so pretty as well! so fast, receive it next day . in my family it is necessary, Very well.

I just would like to say that if you are interested in Coastal Morphology but didn't think that you could ever understand the science behind the processes, think again. This book was extremely well written and easily understood. This was a text I had to buy for a class and is the first text that I actually liked to read. It helped me to understand the concepts of Coastal morphology and how the processes work. Wonderful easy read. Thanks to the author for writing such a great addition to college texts!!!

Easy-to-read reference describing plate tectonics, erosion, changing sea levels, and other topics, with a focus on the coast. Although the term 'evolving' in its title does not refer to the evolution of life, the coast was indeed the environment where many of the most significant evolutionary advances took place.

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