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Introduction To Coastal Processes And Geomorphology





Synopsis

Written for undergraduate students studying coastal geomorphology, this is the complete guide to the processes at work on our coastlines and the features we see in coastal systems across the world. Accessible to students from a range of disciplines, the quantitative approach of this book helps to build a solid understanding of wave and current processes that shape coastlines. The resulting processes of erosion, transport and deposition and the features they create are clearly explained, with over 400 illustrations and photographs. From sandy beaches to coral reefs, the major coastal features are related to contemporary processes and to sea-level changes over the past 25,000 years. Key equations describing or predicting measurements from instruments used to map these processes are all presented in this wide-ranging overview. Davidson-Arnott completes this teaching package with online material that brings the subject to life, including videos of coastal processes and virtual field trips.

Book Information

Paperback: 458 pages Publisher: Cambridge University Press; 1 edition (January 25, 2010) Language: English ISBN-10: 0521696712 ISBN-13: 978-0521696715 Product Dimensions: 7.4 x 0.9 x 9.7 inches Shipping Weight: 2.1 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars Â See all reviews (3 customer reviews) Best Sellers Rank: #1,139,794 in Books (See Top 100 in Books) #33 in Books > Science & Math > Earth Sciences > Geology > Geomorphology #2510 in Books > Textbooks > Science & Mathematics > Earth Sciences #2930 in Books > Science & Math > Earth Sciences > Geography

Customer Reviews

This is an excellent textbook. It was recommended reading for a Coastal Geomorphology course that I took. It is a text that I will have on my library shelf forever. Excellent reference. The contributing authors in the book are extremely knowledgeable and the text is easily read and understandable. A very good book for the novice and experts alike.

Great for my class I am taking

A+++

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