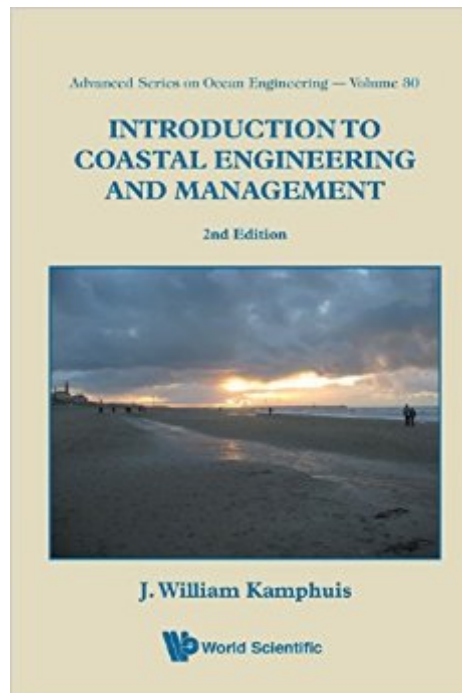


The book was found

Introduction To Coastal Engineering And Management (Advanced Series On Ocean Engineering)



Synopsis

This book is based on the author's 34 years of experience as a teacher/researcher of coastal engineering and management and on recent reflections on newly relevant issues, such as consequences of failure, impacts of rising sea levels, aging infrastructure, real estate development, and contemporary decision making, design and education. This textbook for undergraduate students, postgraduate students and practicing engineers covers waves, structures, sediment movement, coastal management, and contemporary coastal design and decision making, presenting both basic principles and engineering solutions. It discusses the traditional methods of analysis and synthesis (design), but also contemporary design taking into account environmental impacts, consequences of failure, and current concerns such as global warming, aging infrastructure, working with stakeholder groups, regulators, etc. This second edition expands greatly on the topics of failure and resilience that surfaced as a result of recent disasters from hurricane surges and tsunamis. It updates the discussion of design and decision making in the 21st century, with many new examples presented.

Book Information

Series: Advanced Series on Ocean Engineering (Book 30)

Paperback: 564 pages

Publisher: World Scientific Publishing Company; 2 edition (May 31, 2010)

Language: English

ISBN-10: 9812834850

ISBN-13: 978-9812834850

Product Dimensions: 1.2 x 6 x 8.8 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars Â Â See all reviews Â (2 customer reviews)

Best Sellers Rank: #1,110,346 in Books (See Top 100 in Books) #70 in Â Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Management

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in Â Books > Textbooks > Engineering > Environmental Engineering

Customer Reviews

It is a Good intro, but It does have some problems. It is missing a bit of coverage on Coastal Geology, Sustainability in Coastal Engineering, and it has MUCH MUCH too much emphasis on sand coasts.

Excellent

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