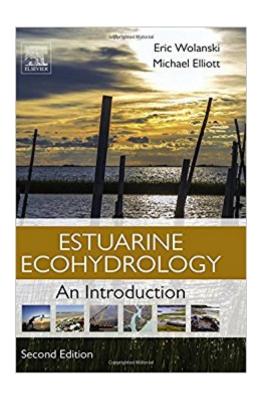
The book was found

Estuarine Ecohydrology, Second Edition: An Introduction





Synopsis

Estuarine Ecohydrology, Second Edition, provides an ecohydrology viewpoint of an estuary as an ecosystem by focusing on its principal components, the river, the estuarine waters, the sediment, the nutrients, the wetlands, the oceanic influence, and the aquatic food web, as well as models of the health of an estuary ecosystem. Estuaries, the intersection of freshwater and coastal ecosystems, exhibit complex physical and biological processes which must be understood in order to sustain and restore them when necessary. This book demonstrates how, based on an understanding of the processes controlling estuarine ecosystem health, one can quantify its ability to cope with human stresses. The theories, models, and real-world solutions presented serve as a toolkit for designing a management plan for the ecologically sustainable development of estuaries. Provides a sound knowledge of the physical functioning of an estuary, a critical component of understanding its ecological functioning deal reference for those interested in marine biology, oceanography, coastal management, and sustainable developmentDescribes the essentials behind conceptual and numerical models of the health of an estuary ecosystem and how to use these models to quantify both human impacts and the value of remediation and management measuresChapters are written in an accessible way that encourages collaboration between aquatic, marine, and wetland biologists, ecologists, oceanographers, geologists, geomorphologists, chemists, and ecosystem modelersCovers the physical, chemical, and biological elements of estuary environments, indicating that the essence of an estuaryâ ™s functioning lies in its connectivity with the adjacent catchment and the marine/coastal system

Book Information

Hardcover: 322 pages

Publisher: Elsevier Science; 2 edition (September 2, 2015)

Language: English

ISBN-10: 0444633987

ISBN-13: 978-0444633989

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,958,899 in Books (See Top 100 in Books) #390 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #438 in Books > Science & Math > Earth Sciences > Geophysics #660 in Books > Science & Math > Nature & Ecology >

Oceans & Seas > Oceanography

Download to continue reading...

Estuarine Ecohydrology, Second Edition: An Introduction Estuarine Shores: Evolution, Environments and Human Alterations Coastal and Estuarine Processes (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Technology in the Law Office, Second Edition (Technology in the Law Office, Second Edition) The Broadview Anthology of British Literature Volume 4: The Age of Romanticism - Second Edition (Broadview Anthology of British Literature - Second Edition) The Broadview Anthology of British Literature: Concise Volume B - Second Edition (Broadview Anthology of British Literature - Second Edition) Teaching English as a Foreign or Second Language, Second Edition: A Teacher Self-Development and Methodology Guide (Michigan Teacher Training) Grandparents as Parents, Second Edition: A Survival Guide for Raising a Second Family Introduction to the Library and Information Professions, 2nd Edition: Second Edition The Greatest Civil War Battles: The Second Battle of Bull Run (Second Manassas) Organic Chemistry As a Second Language: Second Semester Topics Organic Chemistry II as a Second Language: Second Semester Topics PIC Microcontrollers, Second Edition: An Introduction to Microelectronics Introduction to Information Theory and Data Compression, Second Edition (Applied Mathematics) Introduction to Modern Cryptography, Second Edition (Chapman & Hall/CRC Cryptography and Network Security Series) Introduction to Public Switched Telephone Networks; POTS, ISDN, DLC, DSL, and PON Technologies, Systems and Serivces, Second Edition Introduction to the Command Line (Second Edition): The Fat Free Guide to Unix and Linux Commands Introduction to Aircraft Structural Analysis, Second Edition BASIC Stamp, Second Edition: An Introduction to Microcontrollers An Introduction to Coal Technology, Second Edition (Energy Science & Engineering Series)

Dmca