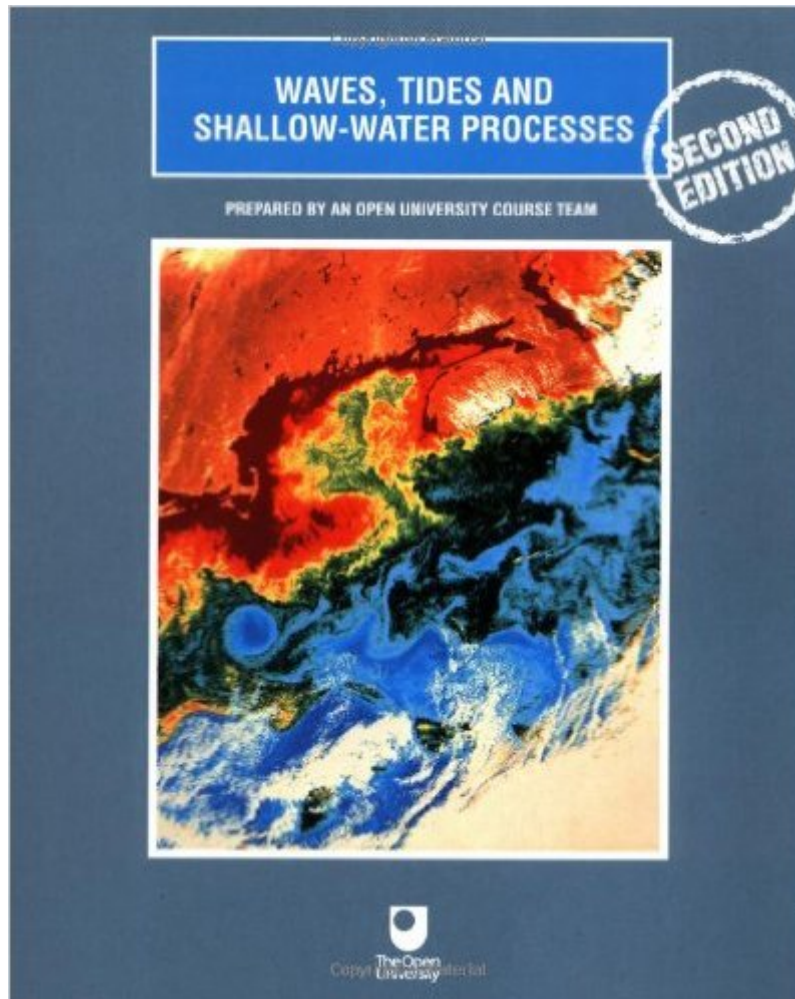


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Waves, Tides And Shallow-Water Processes, Second Edition



Synopsis

Completely revised and updated for its second edition, this volume belongs to the Open University series on oceanography. It is designed so that it can be read on its own or studied as part of the Open University third-level course, S330 Oceanography. The book begins by describing the characteristics of waves and tides, and their behaviour in shallow water. After outlining the sources of sediment supply to the oceans, some theoretical aspects of sediment movement and deposition by currents are considered. After looking at wave action in the littoral zone, the interplay of tidal currents, river flow and wave action in estuaries and deltas are explored. The final chapter provides an overview of shelf processes. This is a vital book for all oceanography undergraduate students worldwide. Easy to use question and answer format Full colour illustrations throughout 35-40% revised and extended from 1st edition

Book Information

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Customer Reviews

As one of the Open University Oceanography Series, this book offers an excellent introduction to the physical processes operating in the nearshore and immediate offshore environments of the coastal zone. With a particular emphasis on the relationship between process and form, this work covers essential ideas and practical applications for university level instructors and students interested in the coastal environment. The book material is straightforward, readable, and offers the opportunity to develop fundamental research questions at a variety of levels. Best of all, it's a well-organized work at an affordable price.

A lot of images, illustrations to describe the ocean waves and tides. Readers in any level can read it. Good reference book!

This product disappointed me in two ways; 1) condition of the item not meeting stated condition of "good" and 2) Content of the book failed level of coursework. I purchased a used version of the book which was claimed as "like new" with which was described as the seller as "very little highlighting, writing and general wear and tear". Since it is a used book, I expected small amounts of all of the above. However, when I received the book, not only was there writing and or highlighting on every page, the book seemed to have coffee or other liquid spilled on it. This caused the pages to clump together and whatever was spilled on it, flake off if you try to turn the pages. Since I am a student, and the book did not arrive soon enough to do an exchange, I was stuck with it. The second component of this is the low level of the content. The selection of the book is up to the instructor but I am providing a content review here in the hopes that other instructors can get a better idea of the item for their classes. This book was required for a graduate level Physical Oceanography course along with Knauss, 2002 "Introduction to Physical Oceanography" which was far superior than this book. The book did provide good graphics and diagrams which were helpful but there were very little mathematical descriptions of where the various processes came from. In my mind, it fell short for use in a graduate level class and is more appropriate for undergraduate level work. The processes contained in the text do not go into enough detail for graduate level work. I could also see this book used for a lab component for an undergraduate class but the cost is high for that.

Excellent book! Explains complex terms in easy to understand manner. Makes oceanography understandable. This textbook is not being sold back.

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