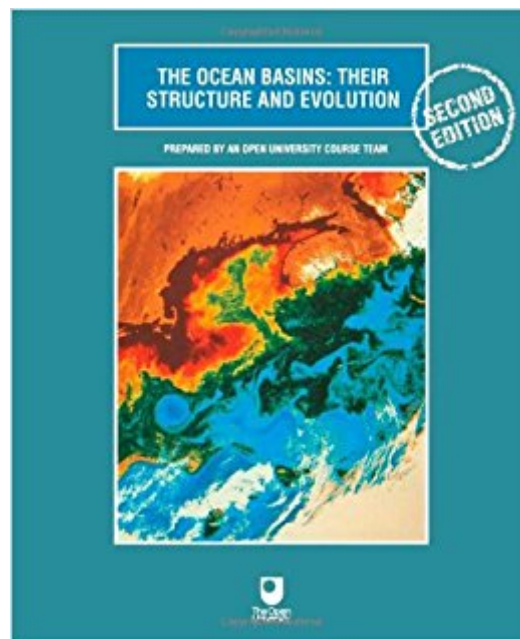


The book was found

# The Ocean Basins: Their Structure And Evolution, Second Edition (Open University Oceanography)



## Synopsis

This is an invaluable textbook, prepared by the Open University team and designed so that it can be read on its own or as part of the OU course. This second edition has been fully revised and updated including new colour illustrations increasing the striking spread of full colour diagrams throughout the book. The clarity of the text has been improved, providing comprehensive coverage of the evolution of ocean basins and their structure in a clear, concise manner aimed specifically at the student market. In this second edition the technological advances in fields as diverse as: - deep-towed instruments for 'sniffing' hydrothermal plumes - mapping the sea-floor by sophisticated sonar techniques - three-dimensional imaging of crustal structure by seismic tomography - the use of satellites for navigation, and for making precise measurements of the height of the sea-surface. The first chapters describe the processes that shape the ocean basins, determine the structure and composition of oceanic crust and control the major features of continental margins. How the 'hot springs' of the oceanic ridges cycle chemical elements between seawater and oceanic crust is then explored. Sediment distributions are examined next, to demonstrate how sediments can preserve a record of past climatic and sea-level changes. Finally, the role of the oceans as an integral part of global chemical changes is reviewed. High quality full colour diagrams. Substantial chapter summaries ideal for revision. Answers, hints and notes for questions at back of the book.

## Book Information

Series: Open University Oceanography

Paperback: 192 pages

Publisher: Butterworth-Heinemann; 2 edition (April 28, 1998)

Language: English

ISBN-10: 0750639830

ISBN-13: 978-0750639835

Product Dimensions: 9.8 x 8.5 x 0.4 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 4.6 out of 5 stars 2 customer reviews

Best Sellers Rank: #539,108 in Books (See Top 100 in Books) #113 in Books > Science & Math > Earth Sciences > Geophysics #214 in Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing #223 in Books > Science & Math > Nature & Ecology > Oceans & Seas > Oceanography

## Customer Reviews

Took some time to arrive but the book was in excellent condition. This collection is a MUST HAVE for any person with interest in Marine Sciences

The book starts off with a short historical background and contrary to the other review, the author does explain MANY items in and during the course of the book. It does seem inconsistent in what it does explain or embellish. It is like they are trying to explain the techniques, concepts and ideas that are outside of marine geology and assumes more knowledge on geological concepts. What is starting to become somewhat of a valid concern is that some of the data is getting dated and is lacking, naturally, related research since 1988 when this edition was published. Thus the relatively inexpensive price tag I think.

[Download to continue reading...](#)

The Ocean Basins: Their Structure and Evolution, Second Edition (Open University Oceanography)  
Oceanography in the Tongue of the Ocean, Bahamas, B.W.I.: a report on oceanographic  
observations in the Tongue of the Ocean between Fresh Creek, Andros and the western end of  
New Providence Handbook of Ocean Wave Energy (Ocean Engineering & Oceanography) In A  
Submarine Exploring the Pacific: All You Need to Know about the Pacific Ocean - Ocean Book for  
Kids | Children's Oceanography Books 5th Grade Geography: Seas and Oceans of the World: Fifth  
Grade Books Marine Life and Oceanography for Kids (Children's Oceanography Books) Oceans  
and Seas of the World : Homeschool Geography 3rd Grade Series: Oceanography for Kids  
(Children's Oceanography Books) Pressure Regimes in Sedimentary Basins and Their Prediction:  
An Outgrowth of the International Forum Sponsored by the Houston Chapter of the American ...  
Houston, TX, September 2-4, (AAPG Memoir) Ocean County NJ Atlas (Hagstrom Ocean County  
Atlas) (Hagstrom Ocean County Atlas Large Scale Edition) How the Ocean Works: An Introduction  
to Oceanography Open (Source) for Business: A Practical Guide to Open Source Software  
Licensing -- Second Edition The Water Gardening Idea Book: How to Build, Plant, and Maintain  
Ponds, Fountains, and Basins Lithosphere Dynamics and Sedimentary Basins of the Arabian Plate  
and Surrounding Areas (Frontiers in Earth Sciences) Sedimentology and Sedimentary Basins: From  
Turbulence to Tectonics Tectonics of Sedimentary Basins The Rights and Responsibilities of the  
Modern University: The Rise of the Facilitator University, Second Edition Biological Oceanography:  
An Introduction, Second Edition Solution Key for Algebra and Trigonometry: Structure and Method:  
Book 2 (McDougal Littell Structure & Method) Advanced Organic Chemistry: Part A: Structure and  
Mechanisms: Structure and Mechanisms Pt. A Open Road's Best of Honduras, 2nd Edition (Open  
Road Travel Guides) Open Road's Best of Honduras, 1st Edition (Open Road's Honduras)

Contact Us

DMCA

Privacy

FAQ & Help