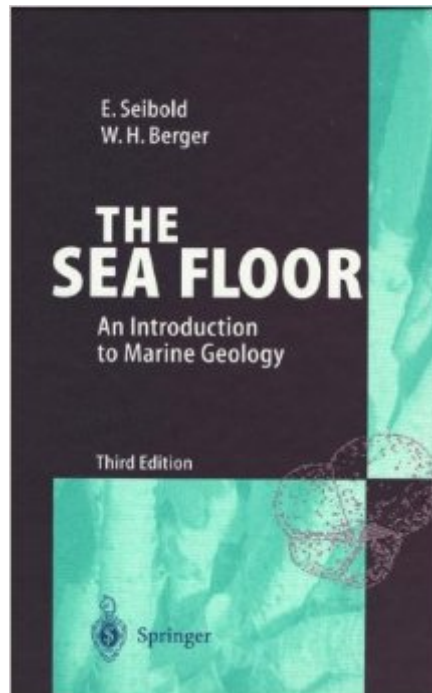


The book was found

# The Sea Floor: An Introduction To Marine Geology



## Synopsis

Man's understanding of how this planet is put together and how it evolved has changed radically during the last 30 years. This great revolution in geology - now usually subsumed under the concept of Plate Tectonics - brought the realization that convection within the Earth is responsible for the origin of today's ocean basins and continents, and that the grand features of the Earth's surface are the product of ongoing large-scale horizontal motions. Some of these notions were put forward earlier in this century (by A. Wegener, in 1912, and by A. Holmes, in 1929), but most of the new ideas were an outgrowth of the study of the ocean floor after World War II. In its impact on the earth sciences, the plate tectonics revolution is comparable to the upheaval wrought by the ideas of Charles Darwin (1809-1882), which started the intense discussion on the evolution of the biosphere that has recently heated up again. Darwin drew his inspiration from observations on island life made during the voyage of the Beagle (1831-1836), and his work gave strong impetus to the first global oceanographic expedition, the voyage of HMS Challenger (1872- 1876). Ever since, oceanographic research has been intimately associated with fundamental advances in the knowledge of Earth. This should come as no surprise. After all, our planet's surface is mostly ocean.

## Book Information

Paperback: 358 pages

Publisher: Springer; Softcover reprint of hardcover 3rd ed. 1996 edition (February 19, 2010)

Language: English

ISBN-10: 3642082203

ISBN-13: 978-3642082207

Product Dimensions: 6.2 x 0.8 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #2,595,658 in Books (See Top 100 in Books) #120 in Books > Science & Math > Earth Sciences > Geology > Sedimentary #853 in Books > Science & Math > Nature & Ecology > Oceans & Seas > Oceanography #6636 in Books > Science & Math > Earth Sciences > Geography

## Customer Reviews

This book comprehends the main aspects relating to the "ocean world". Its pages contain from basic information on the oceans' origin and history to the major advanced investigations on variations of the mean sea-level using microfossils (foraminifera). This book contains basic information for

geology and oceanography undergraduate and master students.

The 3rd edition of this book, published in 1996, is identical to the 2nd edition published in 1993. The only difference I could find was the design of the cover page. If you already own a copy of the 2nd edition, you don't have to buy the newer edition because there is nothing new in the 3rd edition. Just don't be confused.

There are not many books available concerning the sea floor, especially the deep sea floor. With regards to growing interest of humankind to the mineral resources on the deep seabed any information is important. To be ready for exploitation of polymetallic nodules, polymetallic sulphides, cobalt-bearing crusts or methane hydrates one must know the seabed environment in details. And this book contains them.

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

The Sea Floor: An Introduction to Marine Geology Exploring for Oil and Gas Traps (Treatise of Petroleum Geology, Handbook of Petroleum Geology Series) (Treatise of Petroleum Geology, Handbook of Petroleum Geology Series) How to Lay Tile Like a Pro: The Best How To Tile a Floor Step-By-Step DIY Guide for Beginners Laying a Tile Floor (with Pictures) Practical Pelvic Floor Ultrasonography: A Multicompartmental Approach to 2D/3D/4D Ultrasonography of Pelvic Floor Oceanography and Marine Biology: An Introduction to Marine Science The Sea Floor La petici n del se  or Baker.: Bilog -a Se  or Baker. (Bilog -a Se  or Baker (Segunda parte) n  2) (Spanish Edition) Geology (An Introduction to Physical Geology) 4th Edition Marine Biology for Dummies: The Best Marine Biology Colleges Reeds Vol 8 General Engineering Knowledge for Marine Engineers (Reeds Marine Engineering and Technology Series) Advanced Marine Electrics and Electronics Troubleshooting: A Manual for Boatowners and Marine Technicians Proxies in Late Cenozoic Paleoceanography, Volume 1 (Developments in Marine Geology) Communications at Sea: Marine Radio, Email, Satellite, and Internet Services Hawaii's Sea Creatures: A Guide to Hawaii's Marine Invertebrates, Revised Edition Roadside Geology of Utah (Roadside Geology Series) Roadside Geology of New York (Roadside Geology Series) Roadside Geology of South Dakota (Roadside Geology Series) Geology From Experience: Hands-On Labs and Problems in Physical Geology Roadside Geology of Washington (Roadside Geology Series) Roadside Geology of Idaho (Roadside Geology Series)

[Dmca](#)