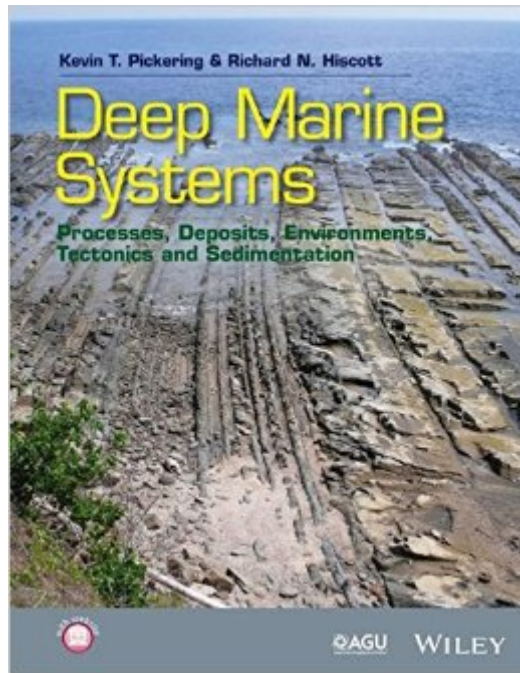


The book was found

Deep Marine Systems: Processes, Deposits, Environments, Tectonics And Sedimentation (Wiley Works)



Synopsis

Deep-water (below wave base) processes, although generally hidden from view, shape the sedimentary record of more than 65% of the Earth's surface, including large parts of ancient mountain belts. This book aims to inform advanced-level undergraduate and postgraduate students, and professional Earth scientists with interests in physical oceanography and hydrocarbon exploration and production, about many of the important physical aspects of deep-water (mainly deep-marine) systems. The authors consider transport and deposition in the deep sea, trace-fossil assemblages, and facies stacking patterns as an archive of the underlying controls on deposit architecture (e.g., seismicity, climate change, autocyclicality). Topics include modern and ancient deep-water sedimentary environments, tectonic settings, and how basinal and extra-basinal processes generate the typical characteristics of basin slopes, submarine canyons, contourite mounds and drifts, submarine fans, basin floors and abyssal plains.

Book Information

Series: Wiley Works

Paperback: 672 pages

Publisher: American Geophysical Union; 1 edition (November 9, 2015)

Language: English

ISBN-10: 1405125780

ISBN-13: 978-1405125789

Product Dimensions: 8.3 x 0.6 x 10.9 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,148,666 in Books (See Top 100 in Books) #98 in Books > Science & Math > Earth Sciences > Geology > Sedimentary #718 in Books > Science & Math > Nature & Ecology > Oceans & Seas > Oceanography #4652 in Books > Textbooks > Science & Mathematics > Earth Sciences

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

Deep Marine Systems: Processes, Deposits, Environments, Tectonics and Sedimentation (Wiley Works) Basement Tectonics 7: Proceedings of the Seventh International Conference on Basement Tectonics, held in Kingston, Ontario, Canada, August 1987 ... Conferences on Basement Tectonics) Metal Deposits in Relation to Plate Tectonics (Minerals, Rocks and Mountains) (Volume 17) Beach Processes and Sedimentation (2nd Edition) Coastal Environments and Global Change (Wiley

Works) Earth Surface Processes, Landforms and Sediment Deposits Designing for Alzheimer's Disease: Strategies for Creating Better Care Environments (Wiley Series in Healthcare and Senior Living Design) Strike-Slip Deformation, Basin Formation, and Sedimentation (Special Publication (Society of Economic Paleontologists and Mineralogists)) The Wiley-Blackwell Companion to Zoroastrianism (Wiley Blackwell Companions to Religion) Introduction to Logistics Systems Planning and Control (Wiley Interscience Series in Systems and Optimization) Deep Thoughts & Vulgar Quotes: The Book for Adults filled with Dirty Quotes, Deep and Vulgar Thoughts, Profane Proverbs! (Shut the F*ck Up and Color 7) Advanced Marine Electrics and Electronics Troubleshooting: A Manual for Boatowners and Marine Technicians Reeds Vol 8 General Engineering Knowledge for Marine Engineers (Reeds Marine Engineering and Technology Series) Oceanography and Marine Biology: An Introduction to Marine Science Marine Biology for Dummies: The Best Marine Biology Colleges Deep Calling Unto Deep: The Dynamics of Prayer in the Perspective of Chassidism (Mystical Dimension) Mineral Deposits and Global Tectonic Settings (Academic Press Geology Series) Siliceous Deposits of the Tethys and Pacific Regions Principles of Sedimentary Deposits: Stratigraphy and Sedimentology Gold Deposits in North Carolina

[Dmca](#)