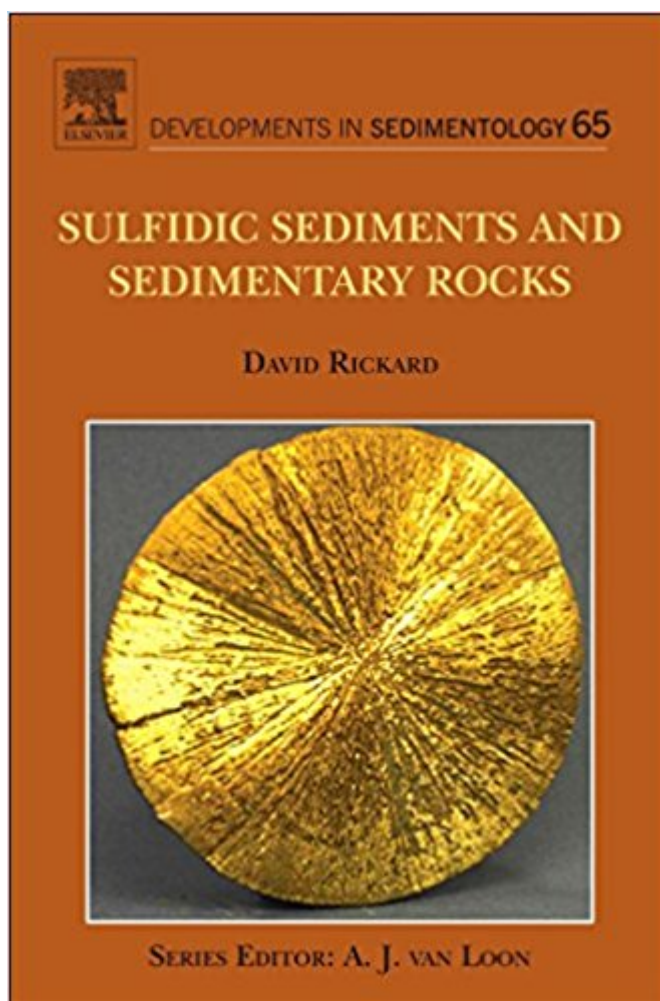


The book was found

Sulfidic Sediments And Sedimentary Rocks, Volume 65 (Developments In Sedimentology)



Synopsis

This book deals with sedimentary sulfides which are the most abundant authigenic minerals in sediments. A Special emphasis is given to the biogeochemistry that plays such a central role in the formation of sedimentary sulfides. It will be of interest to scientists in a number of disciplines, including geology, microbiology, chemistry and environmental science. The sulfur system is important to environmental scientists considering the present and future effects of pollution and anoxia. The development of the sulfur system – particularly the characteristics of ocean anoxia over the last 200 Ma – is useful in predicting the future fate of the Earth surface system as well as in understanding the past. The biochemistry and microbiology of the sulfur system are key to understanding microbial ecology and the evolution of life. First monograph on sedimentary sulfides, covering the ancient and modern sedimentary sulfide systems Comprehensive, integrating chemistry, microbiology, geology and environmental science All key references are included and discussed

Book Information

Series: Developments in Sedimentology (Book 65)

Hardcover: 816 pages

Publisher: Elsevier; 1 edition (December 18, 2012)

Language: English

ISBN-10: 0444529896

ISBN-13: 978-0444529893

Product Dimensions: 6 x 1.7 x 9 inches

Shipping Weight: 3.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,310,727 in Books (See Top 100 in Books) #83 in Books > Science & Math > Earth Sciences > Geology > Sedimentary #2980 in Books > Textbooks > Science & Mathematics > Environmental Studies #4833 in Books > Textbooks > Science & Mathematics > Earth Sciences

Customer Reviews

David Rickard has been one of the world's leading sulfide experts for over 40 years. He was a pioneer in geomicrobiology. He started his career as a senior undergraduate at Imperial College, London, with a thesis on pyrite framboids. He was awarded a £10,000 grant by the UK scientific research council in 1965 to set up a geomicrobiology laboratory in Imperial College and

completed his PhD thesis in 1968 on the Chemistry and Microbiology of Iron Sulphide Formation. His work with the Swedish Natural Science Research Council was particularly focussed on geochemical kinetics and constituted some of the earliest contributions to this subject. At the same time he worked on Economic Geology and founded the largest ore geology research group of the time in Stockholm. He was appointed to a Chair in Cardiff University in 1983 and has continued to contribute to sulfide geochemistry and ore geology. He has over 300 publications including over 150 research journal papers and two edited books. He published his first paper in Nature in 1968. He was Chief Editor of Chemical Geology and Mineralium Deposita. His latest interests have involved characterizing nanoparticulate metal sulfides and their interactions with biochemical molecules, including nucleic acid polymers. He has received a number of awards including Fellowships of the Geochemical Society and the European Association of Geochemistry and Honorary Membership of the Society of Geology Applied to Mineral Deposits. He is a Fellow of the Learned Society of Wales. His multidisciplinary contributions have been recognized by his election to Fellowship of the Royal Society of Chemistry, the Society of Biology and the Geological Society.

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

Sulfidic Sediments and Sedimentary Rocks, Volume 65 (Developments in Sedimentology)
Carbonate Sediments and their Diagenesis, Second Edition (Developments in Sedimentology)
Sedimentary Geology: An Introduction to Sedimentary Rocks and Stratigraphy Rocks and Minerals
of The World: Geology for Kids - Minerology and Sedimentology (Children's Rocks & Minerals
Books) Tracking Environmental Change Using Lake Sediments: Volume 4: Zoological Indicators
(Developments in Paleoenvironmental Research) Sedimentology and Sedimentary Basins: From
Turbulence to Tectonics Principles of Sedimentary Deposits: Stratigraphy and Sedimentology
Geology and hydrogeology of carbonate islands, Volume 54 (Developments in Sedimentology)
Carbonates in Continental Settings, Volume 62: Geochemistry, Diagenesis and Applications
(Developments in Sedimentology) Carbonates in Continental Settings, Volume 61: Facies,
Environments, and Processes (Developments in Sedimentology) Carbonate Reservoirs, Volume 67,
Second Edition: Porosity and Diagenesis in a Sequence Stratigraphic Framework (Developments in
Sedimentology) Carbonate Reservoirs: Porosity and Diagenesis in a Sequence Stratigraphic
Framework (Developments in Sedimentology) Principles of Sequence Stratigraphy (Developments
in Sedimentology) Metamorphic, Igneous and Sedimentary Rocks : Sorting Them Out - Geology for
Kids | Children's Earth Sciences Books The Continental Crust: Its Composition and Evolution: An
Examination of the Geochemical Record Preserved in Sedimentary Rocks Sedimentary Rocks in
the Field: A Practical Guide Origin of Carbonate Sedimentary Rocks (Wiley Works) Petrology of

Sedimentary Rocks New methods and recent developments of the stereochemistry of ephedrine, pyrrolizidine, granatane and tropane alkaloids, (Recent developments in the chemistry of natural carbon compounds) Fourth Grade Science Volume 1: Topics: Earth's History through Rocks, Fossils and Tree Rings, Earth's Structure, Rocks and the Rock Cycle, Plate Tectonics

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)