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Sedimentary Environments: Processes, Facies And Stratigraphy



Synopsis

Sedimentary Environments is one of the most distinguished and influential textbooks in the earth sciences published in the last 20 years. The first and second editions both won universal praise and became classic works in sedimentology. Since the publication of the last edition, the study of sedimentary environments and facies has made great strides, with major advances in facies modelling, sequence stratigraphy and basin modelling. The 3rd edition of this classic text will likely set the benchmark even higher, and needless to say, will continue being the textbook of choice for sedimentology students. The latest edition of a classic text. Incorporates all the latest advances in dynamic stratigraphy. Will remain the textbook of choice for upper level undergraduate and graduate students in sedimentology.

Book Information

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Customer Reviews

"...definitely one of the best summaries and best written statements on the subject available today.... Every sedimentologist, stratigrapher, sedimentary petrologist and earth resources geologist should have a copy in their personal library." (Journal of Sedimentary Petrology)

Sedimentary Environments has been one of the most distinguished and influential textbooks in the earth sciences published in the last twenty years. The two earlier editions won universal praise and became classic works. Since the publication of the second edition, knowledge and understanding of the importance of external controls on sedimentary environments has blossomed. This edition therefore places greater emphasis on sequence stratigraphy, architectural elements and allocyclic

controls while retaining an extensive coverage of environments and the processes that operate within them. This should ensure that this edition sets a further benchmark in sedimentary geology. Reviews of the second edition '...required reading for the professional geologist along with any serious graduate or senior undergraduate student.' --Journal of Sedimentary Petrology 'Every sedimentologist who practices the study of facies and environments should have this edition on his or her shelf.' --Sedimentary Geology 'It is a must for university libraries as it forms an excellent basis for the subject.' --Earth Science Review

If you are studying geology at the undergraduate or graduate level this book should definitely be part of your library. It is completely descriptive when it comes to sedimentary processes and environments in terms of the text and diagrams. Each chapter is written by authors who are experienced in the subject being discussed such as: Volcanic environments, lakes, glacial sediments, shallow clastic seas, etc. As a student studying under one of these authors, he stated that "this book is still regarded as one of the most cited resources in subject of sedimentology."

An amazing book. I've only had a chance to leaf through but it is immensely descriptive. Lots of sketches, figures of sedimentary environments, photos, TONS of explanation, etc... I really wish this book were available when I was a student - I might have liked sed. rocks a lot better. This book is opening my eyes. I highly recommend it as a starter or very advanced read.

Book came fast and as describe, very little signs of use and/or abuse and was in very good shape. Haven't noticed any writing or highlighting in it, so that's nice too. Excellent book on sedimentary environments, has already proven useful while working as a petroleum geologist.

A very well-written and informative text. I needed a sedimentary book addition to my geology research library. I would recommend this text to anyone seeking to increase their knowledge on geology.

This was the assigned text for my graduate-level Sequence Stratigraphy class at Texas A&M University. Excellent compilation.

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