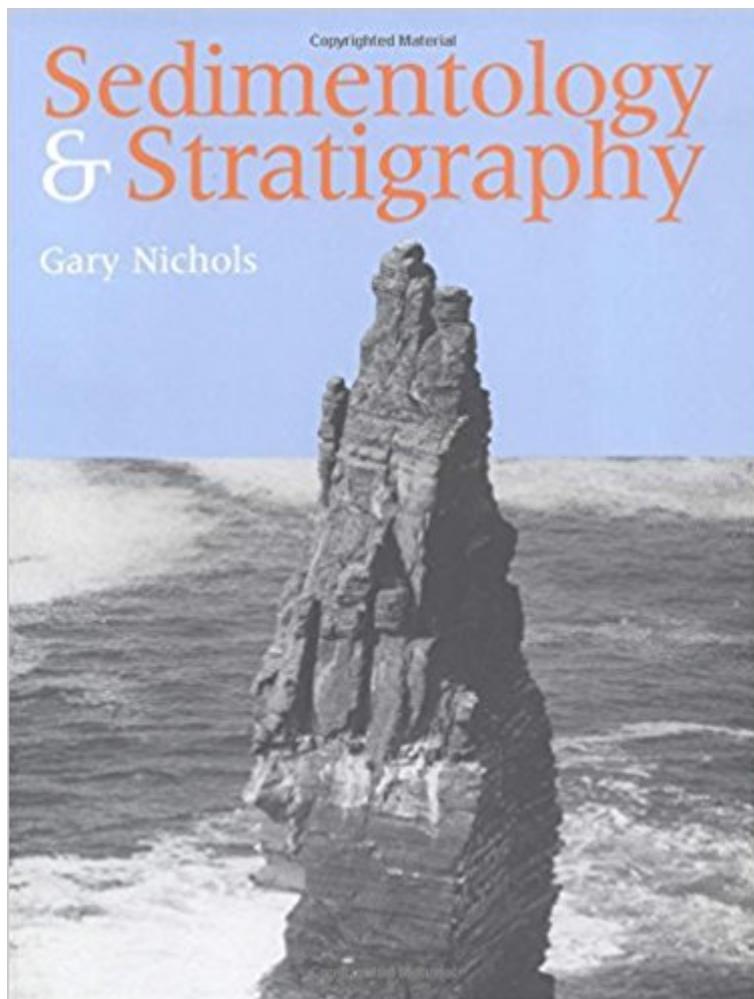


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Sedimentology & Stratigraphy



Synopsis

Sedimentology and Stratigraphy is the first introductory text to relate sedimentological units to the larger stratigraphic picture. Representing current research priorities, it leaves behind an older--and now outdated--generation of textbooks. The author's aim is to consider the earth in terms of its physical environments, to describe the processes that affect generation, transport and deposition of sediment, and to build up a picture of the stratigraphy generated by these processes. The initial treatment is geomorphological and the general approach is non-mathematical. This will become the introductory textbook of choice in sedimentology and stratigraphy. The first introductory text to relate the units of sedimentology to the larger, stratigraphic picture. Eclipses an older generation of textbooks written before sequence stratigraphy gave rise to a renaissance in stratigraphy. Covers the full range of sedimentology, from sub-microscopic analysis of grains of sand to the palaeogeographic evolution of whole basins. Largely a non-mathematical approach, within the grasp of students starting a degree course. Explains clearly the technical terms of soft-rock geology.

Book Information

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Customer Reviews

This is an excellent book on Sedimentology and Stratigraphy. My undergraduate program does not have an "intro to" Sed & Strat class, and the professor that teaches Sedimentology and Stratigraphy is pompous and impersonable. This book got nearly my entire class through the course, because we had no professor to really teach us anything. The pictures are excellent and the text breaks down difficult concepts in a way that is easy to understand. Additionally, the author is good at tying

concepts from historical geology and structural geology into the text without over-burdening or distracting the reader. To any student looking to supplement a difficult class, this text is for. My one complaint is the price, it is rather expensive for a soft cover book. On a side note, this is now the field I work in and I keep this book with me!

I am enrolled and should start a degree in Physical Geography in the UK. I wanted to get some detailed preliminary knowledge of my topic and the geomorphology before I plunge into the subject. After hours of browsing in internet book stores and previewing tens of books in search of easy understandable textbook in the field, I finally found what I needed. My scientific interests are somewhere between geology and geomorphology so Nichols's "Sedimentology and stratigraphy" was the best match for me. This book is very clearly structured, the language is easy to read and comprehend, there is no dry academism, but still the text is scientific enough for any undergraduate scholar who wants to study from easy to follow and cohesive material. Not only that, but as a non-native English speaker this book fascinates me to study this science in English language and makes the language difficulty not so significant. From the first pages I was pleased to absorb the text and reading scientific articles in English turned to be rewarding and inspiring for me. Through his text Gary Nichols enlivened many new scientific concepts in my mind and the graphs and figures inside contributed to the half or maybe even more of what I learnt. This text served as a introduction to geomorphology for me by far better than other academic textbooks written particularly for geomorphology. A really good textbook is that textbook, which succeeds to grab the interest both of a new to this science, and an advanced scholar. Mr Nichols did a great job in such respect.

This well written book contains most important subjects involved in sedimentology. Besides sedimentology a small introduction to stratigraphy can be found. The focus is on sedimentary systems and special chapters are devoted to delta's, rivers, lacustrine and marine environments. Clear illustrations are a great help understanding the text and developing an overall idea of the subjects. Overall a very good book for undergraduate geology courses.

I got this book for my Strat. Sed. class. The layout really makes sense and they word things in such a way that it's easy to understand what the author is talking about. I've read other books that don't clearly explain a new term that's been introduced(i.e. imbrication), but this author clearly explains the new jargon and concepts he introduces. There are no colored pictures in this book, but it does come with a CD that has all the pictures in color, and that makes sense since a lot of the things

you're looking at you really have to see up close and in detail to know what you're looking at in this subject. That also keeps the price of the book down. Like the title of this review states, this is a good book at a great price!

As an amateur geologist I've found everything I need to know to help 'read' and understand sedimentary deposits in this book. I bought my copy in paperback, used. For about \$40 I have a great addition to my library.

Concrete.

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