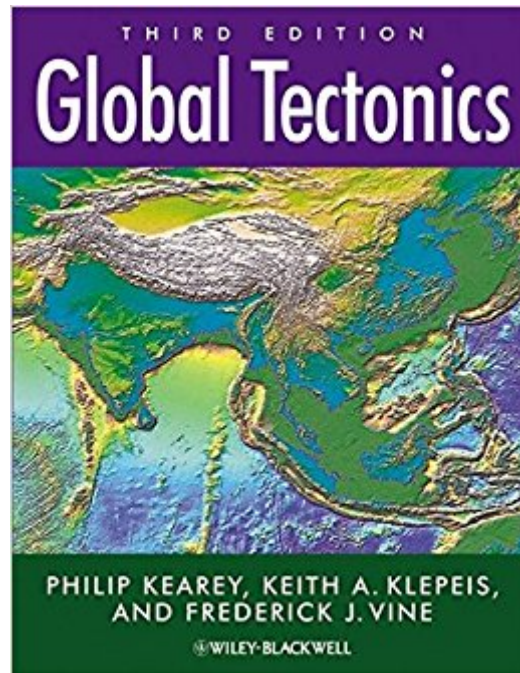




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Global Tectonics



Synopsis

The third edition of this widely acclaimed textbook provides a comprehensive introduction to all aspects of global tectonics, and includes major revisions to reflect the most significant recent advances in the field. A fully revised third edition of this highly acclaimed text written by eminent authors including one of the pioneers of plate tectonic theory. Major revisions to this new edition reflect the most significant recent advances in the field, including new and expanded chapters on Precambrian tectonics and the supercontinent cycle and the implications of plate tectonics for environmental change. Combines a historical approach with process science to provide a careful balance between geological and geophysical material in both continental and oceanic regimes. Dedicated website available at www.blackwellpublishing.com/kearey/

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Customer Reviews

"Many readers will be familiar with this excellent textbook . . . The subject coverage is more comprehensive than in previous editions with many of the processes and concepts being illustrated with case studies drawn from the recent literature. " (Mar Geophys Res, 2009) "A massive list of mostly critical references cites the most important works the world over." (CHOICE, November 2009) "An excellent in-depth overview on one of the most revolutionary topics in the earth sciences. Not only clear and comprehensive, but also pleasant to read. It is a highly recommended must-have on the bookshelves of earth scientists for some time to come." (Geologos, December 2009) "Global Tectonics will find its place in all well equipped libraries and a personal copy will be of use for any geoscientist who needs a comprehensive overview."

(Surveys in Geophysics, September 2009) "This textbook provides a comprehensive overview of the field of global tectonics. Because the field has changed significantly since the last edition was published, the majority of text and figures in the third edition are new." (Book News, September 2009)

Warmly praised in its first edition, particularly for its careful balance between geology and geophysics, GLOBAL TECTONICS is an even better textbook in its second edition. Responding to reviews, comments from instructors and developments in the subject, the authors have significantly extended the book's breadth and restructured some sections. Expanded sections include those on the formation of oceanic crust, the variety of passive continental margins and the nature of convection in the mantle, and a new chapter draws together the material on continental rifts and sedimentary basins. --This text refers to an out of print or unavailable edition of this title.

Difficult to read as a textbook. This book appears to be well researched so it may be better as a reference book. At times the published scientific evidenced is summarised and placed with similar related evidence with little regard to flow, comprehension or consistent used of terminologies when referring to the same thing.

The Book may be old, but it is not worthless as per some other reviews here. The book covers the basics pretty well and thats what most of the geo students need. Sure, there may be other books with better pictures, but the concepts that you need for tectonics is sufficiently present in this book. I passed out of college about 10 years back. Read the same book then. Glad to find it on . I own the book now. Ankan Basu Geologist/Geochemist

if you're in a plate tectonics course, i hope your prof requires this particular textbook because though chapters can be long, it's easy to read, understandable, and actually interesting. more qualitative than quantitative.

It is an excellent book that puts together major up-to-date, or updated tectonic concepts in simple, clear, and understandable language.

Absolutely wonderful textbook

Good book, very useful

I wouldn't recommend this book for someone trying to get a solid foundation in the current state of the field of plate tectonics for several reasons. The writing style of the book can only be described as stodgy and stiff, lacking in verve or color. This is not John McPhee. The book seems a bit out-of-date when you look at the dates of recent references. Very few from the last five years, though it has a copyright date of 2009. The authors seem to like jargon and do not like concise clear phrases. Also, the illustrations seem amateurish, and old-fashioned, often too small for the amount of information in them. It's not a bad book, but much of it was over my head.

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