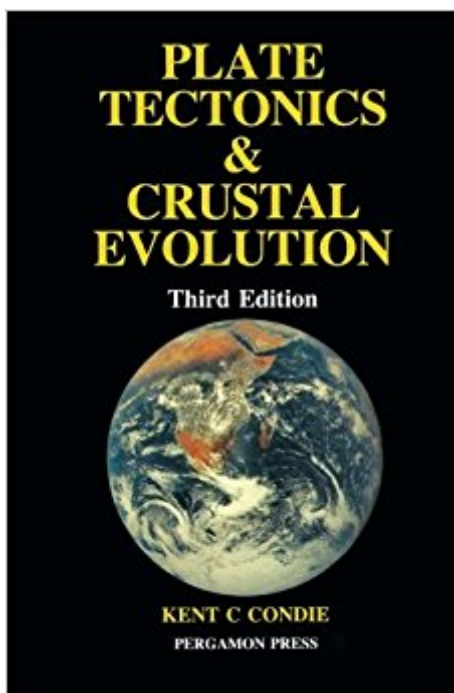


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# Plate Tectonics & Crustal Evolution, Third Edition



## Synopsis

This substantially revised edition includes recently published information relating to plate tectonics and continental origin. A large number of new figures have been added, and new sections included on meteorites, seismic tomography, mantle convection, accretionary terranes, mantle sources and evolution, continental growth, secular changes in Earth history, also a new chapter on exogenic Earth systems. In addition the following topics have been substantially revised: lunar origin, global gravity, origin of the core, metamorphism, plate boundaries, hotspots, tectonic settings, and magma associations. Among the new features the Tectonic Map of the World has also been updated.

## Book Information

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## Customer Reviews

There is something here for everyone in the Earth sciences, and every institutional geological library should possess at least one reference copy. *Journal of Structural Geology*. Offers a vastly expanded perspective of a dramatic subject which even as he writes continues to unfold. Australian Mineral Foundation A great improvement on the 1st and 2nd editions "A very useful book I have no hesitation in recommending to my students. Dr Trevor Emmett Anscia Higher Education College It is both very readable and useful.... lively and well-written Earth science textbook.... I would strongly recommend this book to undergraduates in all years as a very worth while read. No library should be without a copy.... good value as a refresher course in plate tectonics and crustal evolution for qualified, professional Earth scientists. There are not many textbooks I would read from cover to cover, but this is one that proved worth it! *Geology Magazine*...it will appeal to anyone interested in global geophysics...should be an essential element of any geophysical library. *Pageoph* Vol 133 No

3...will appeal to anyone interested in global geophysics...an essential element of any geophysical library. Pageoph Volume 133 Number 3 Excellent. A most up-to-date edition. Highly recommended for students taking courses in geochemistry, igneous petrology and geodynamics. Dr Trevor Jackson Geology, University of The West Indies, Jamaica...the great strength of this book is its ability to summarize the important contributors made by many different sectors of geology to the evolution of the crust as a whole...it is to be highly recommended. Geological Journal 26:1

The fourth edition brings the text fully up to date, with coverage of the latest research in crustal evolution, supercontinents, and mass extinctions. A new chapter covers the feedbacks of various Earth systems. In addition, a new appendix provides a valuable survey of current methodology. --This text refers to an out of print or unavailable edition of this title.

Although a used book, it was like new. Condie has packed his book with essential facts. The book is challenging to read, but well written as teaching text. An extensive glossary, however is needed. I have learned a great deal and expect to learn even more. This is not casual reading, but requires much focus and referencing on the internet. I do, however, sincerely want to learn about the origin of Earth's crust. This is a good text for a serious learner.

I got this book from the library first, then made copies of a few chapters, but then had to get the book. It's a little advanced for me, had to read it many times over, but always got something out of it. The reading is very good - it kept my attention. This was one of the first books that got me interested in geology. The more you read it, over & over again, the more you understand. I really like this book.

This book is a great deal in terms of price/quality. A tremendous introduction to plate tectonics, geological geochemistry and even biological processes and the Earth's evolution. Every chapter has shortened "main statements" that clearly sum up and clarify everything of the main text. The addition of the cd has some animated graphs to better illustrate some of the processes developed in the text. Don't hesitate to buy it if you are looking for simplicity in understanding Earth's sciences.

Condie's work has long been the standard work in plate tectonics. I've just read the 4th edition. As good as the previous editions. However, this is a volume for senior geology majors or graduate students. I hope Condie is contemplating the Millennium edition. One suggestion--re-draft all graphs to have common time scale including geologic time periods.

The book is probably better than I rated it, but I was looking for a different approach.

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