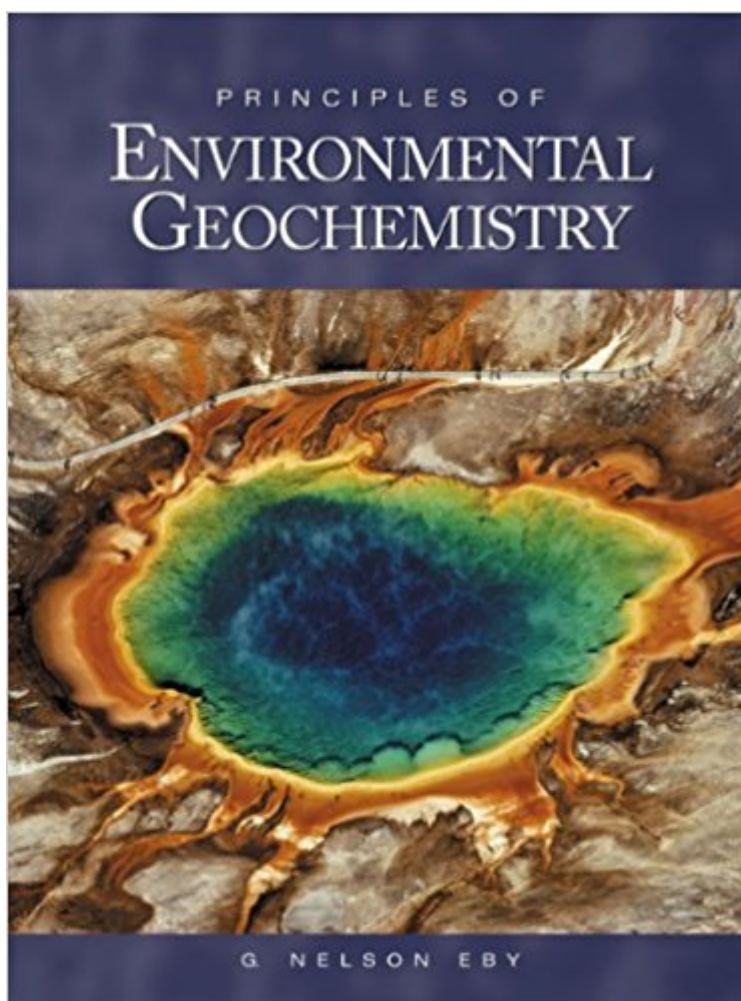


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# Principles Of Environmental Geochemistry



## Synopsis

The basic philosophy of PRINCIPLES OF ENVIRONMENTAL GEOCHEMISTRY is to present chemical principles that are essential for understanding environmental problems and then show how these principles can be applied to real-world problems. The latter goal is achieved by including a number of case studies in each chapter. The book is process oriented, emphasizing the tools needed to understand environmental problems, and is not a recitation of environmental problems and issues. Chemistry topics are developed from first principles and the focus is on those principles that are most useful in the environmental field. This text is more accessible than the larger, higher-level environmental geochemistry books on the market that assume familiarity with chemical and quantitative background material. The topical coverage is broad, including extensive material on the isotopic and mineralogical aspects of environmental issues and a significant chapter on the atmosphere. Case studies are integrated throughout to show the application of the various principles to real-world problems, and many of the very extensive set of end-of-chapter problems encourage students to become familiar with the scientific literature on this subject.

## Book Information

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## Customer Reviews

"I will definitely adopt this textbook. As far as I am concerned, this is an absolute winner." "Unlike many other textbooks, THIS BOOK IS WRITTEN FOR STUDENTS." "This book is clearer and more student-friendly than any other book on environmental geochemistry that I am aware of." "I will adopt this book as my textbook because it provides the students with the concepts and the theory as well as the worked-out examples." "This is a giant whopper of a textbook, and I love it. It is one of the

most comprehensive treatises of environmental geochemistry available, with a thorough mix of fundamental derivations, worked-out examples, and chemical rigor." "I would definitely consider adopting this text for our undergraduate Environmental Chemistry course because the exposure to geochemistry principles is well served."

Nelson Eby is Professor of Geosciences at the University of Massachusetts Lowell, where he teaches earth and environmental systems, environmental geochemistry, igneous and metamorphic petrology, structural geology, sedimentation and stratigraphy, advanced geochemistry, applied geophysics, and marine geology. He has published over 70 papers dealing with geochemistry and igneous petrology and his current research encompasses geological problems on four continents. He is a past associate editor of the *Canadian Mineralogist* and the *Journal of African Earth Sciences*.

The book is better than Gunter in a number of ways, although you probably want both. The book itself has still in good quality, and I am extremely pleased with it.

Excellent book, love it even though it is a little dry. The experience for the customer is excellent and I really enjoyed it.

Easy to read and easy to understand when it comes down to it... Would recommend it to any friends struggling with chemistry out here.

If you don't know ANYTHING about Environmental Geochemistry this is an ok starting text. There aren't many like it out there so it is what it is. However, the book is full of mistakes - especially the problems and examples. If you have at least some knowledge of the topic I would suggest you look for a higher level book.

This book has not been very helpful in my senior (university) level geochemistry class. 'Chemistry for Dummies' covers many of the topics in this book in greater detail. I believe this book is really written for high school rather than university. I am using my Linus Pauling 'General Chemistry' book far more than this book. I have not checked my answers to the end of chapter questions with the back of the book so I do not know how accurate those are. I just know I would not recommend this book unless you have a very solid chemistry background.

The book (I'm only through chapter 2) explains how to manipulate equations but not how to apply the information. The examples jump around a lot. It doesn't really break it down step-by-step.

this book arrived in the condition exactly as it had been represented. the service was very fast. i am very satisfied.

I have never owned an actual bread product before but since I have started making my own bread, none of the knives I had were long enough to do a good job so I ordered this one. It is amazing. It's long enough for any loaf you may need it for and absolutely no difficulty is creating a smooth, even slice of bread. I would recommend it to anyone who is thinking of getting a good bread product. just fine, would purchase again. will buy next time. send it to my grandson,

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