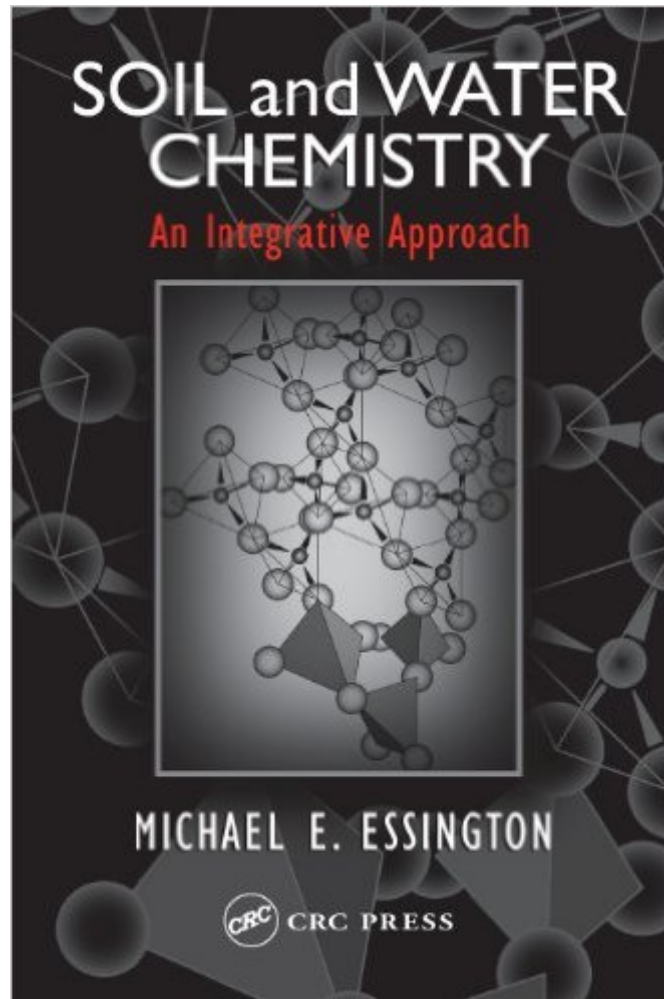


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# Soil And Water Chemistry: An Integrative Approach



## Synopsis

Traditionally the study of chemical principles as they relate to soil has been limited to the field of agronomics. *Soil and Water Chemistry: An Integrative Approach*, stands alone because it balances agricultural and environmental perspectives in its analysis of the chemical properties and processes that affect organic and inorganic soil substances. Written for soil science practitioners, researchers, and students, this book provides a comprehensive treatment of soil composition and reactions.

Topics include: clay mineralogy, soil organic matter, mineral weathering and stability, ion speciation, solubility, ion exchange, adsorption, oxidation-reduction, acidity, alkalinity, and salinity. Each chapter concludes with numerous exercises that emphasize concepts and have practical, real-world applications.

## Book Information

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## Customer Reviews

This book was used in our soil chemistry course, and I have rarely needed to review other soil chemistry texts since then. It is an excellent reference that I consistently return to, and recommend to others.

This book is the only book you will ever need. If you want to know about soil chemistry this is the book.

I found this textbook to be an extremely frustrating read, and I completely gave up on trying to use it. Even though it was a required book for my class, I find myself reading another soil and water chemistry book. The previous reviewers may have had more experience with chemistry, but I found most of the book was in "PhD speak", and for a non soil chemist, this just leads to frustration. The illustrations are the only redeeming portion of the book. The problems in the back of the chapters are a nice idea, but some of the questions are vague and confusing.

I never thought Chemistry could be so easy to understand. I guess it's because it's so well written and it follows a logic I can easily follow. Well illustrated, it goes through every detail without losing any interest. I use it all the time since I received it!

Great book on soil and water chemistry, it covers all the topics I'd expect and is pretty reasonable.

comprehensive reference, bought it because other reviewers said it was the most well written soil chemistry reference around, I find it good but have not studied it closely yet

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