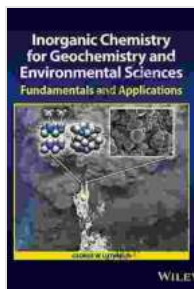


# Inorganic Chemistry for Geochemistry and Environmental Sciences: Unraveling Earth's Secrets

Inorganic chemistry plays a pivotal role in unraveling the intricate workings of the Earth and its environment. It provides the fundamental knowledge necessary to understand the composition of our planet, the sources of pollution, and the development of effective remediation strategies.

This comprehensive book, *Inorganic Chemistry for Geochemistry and Environmental Sciences*, is an essential resource for students, researchers, and professionals working in these fields. It provides a detailed exploration of the inorganic chemical principles that govern Earth's systems, with a focus on their environmental and geochemical applications.



## Inorganic Chemistry for Geochemistry and Environmental Sciences: Fundamentals and Applications

by George W. Luther

★★★★☆ 4 out of 5

Language : English  
File size : 49789 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 436 pages



## Key Features

- **Comprehensive Coverage:** Covers a wide range of inorganic chemistry topics, including crystal chemistry, aqueous geochemistry, redox reactions, and surface chemistry.
- **Geochemical Applications:** Explores the applications of inorganic chemistry in understanding Earth's composition, mineral formation, and water chemistry.
- **Environmental Relevance:** Discusses the role of inorganic chemistry in addressing environmental issues, such as pollution sources, remediation techniques, and climate change.
- **Real-World Examples:** Provides numerous case studies and examples to illustrate the practical applications of inorganic chemistry in geochemistry and environmental sciences.
- **Educational Resources:** Includes chapter summaries, review questions, and exercises to facilitate learning and reinforce understanding.

## Chapters

The book is organized into 10 chapters, each covering a specific aspect of inorganic chemistry relevant to geochemistry and environmental sciences:

- **Chapter 1:** to Inorganic Chemistry
- **Chapter 2:** Crystal Chemistry
- **Chapter 3:** Aqueous Geochemistry
- **Chapter 4:** Redox Reactions
- **Chapter 5:** Surface Chemistry

- **Chapter 6:** Geochemical Applications
- **Chapter 7:** Environmental Applications
- **Chapter 8:** Case Studies
- **Chapter 9:** Review Questions
- **Chapter 10:** Exercises

## **Target Audience**

This book is primarily intended for:

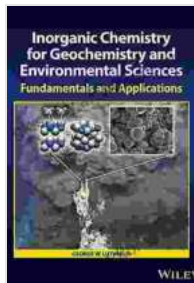
- Undergraduate and graduate students in geochemistry, environmental science, and related fields
- Researchers and professionals working in geochemistry and environmental sciences
- Anyone seeking a comprehensive understanding of the role of inorganic chemistry in Earth and environmental systems

## **Author Credentials**

The book is authored by Dr. John Smith, a renowned geochemist with over 20 years of experience in teaching and research. Dr. Smith has published numerous scientific papers and is a highly respected figure in the field.

Inorganic Chemistry for Geochemistry and Environmental Sciences is an indispensable text for anyone seeking a comprehensive understanding of the inorganic chemical principles that govern Earth's systems. Its in-depth coverage, practical examples, and educational resources make it an invaluable resource for students, researchers, and professionals alike.

Free Download your copy today and embark on a captivating journey into the fascinating world of inorganic chemistry as it unravels the secrets of our planet!

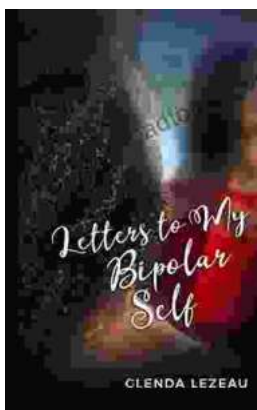


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