

Groundwater Geochemistry: Pollution and Remediation

This book contains both practical and theoretical aspects of groundwater resources relating to geochemistry. Focusing on recent research in groundwater resources, this book helps readers to understand the hydrogeochemistry of groundwater resources. Dealing primarily with the sources of ions in groundwater, the book describes geogenic and anthropogenic input of ions into water. Different organic, inorganic and emerging contamination and salinity problems are described, along with pollution-related issues affecting groundwater. New trends in groundwater contamination remediation measures are included, which will be particularly useful to researchers working in the field of water conservation. The book also contains diverse groundwater modelling examples, enabling a better understanding of water-related issues and their management.

Groundwater Geochemistry: Pollution and Remediation offers the reader:

- An understanding of the quantitative and qualitative challenges of groundwater resources
- An introduction to the environmental geochemistry of groundwater resources
- A survey of groundwater pollution-related issues
- Recent trends in groundwater conservation and remediation
- Mathematical and statistical modeling related to groundwater resources

Students, lecturers and researchers working in the fields of hydrogeochemistry, water pollution and groundwater will find *Groundwater Geochemistry* an essential companion.

About the Editors

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