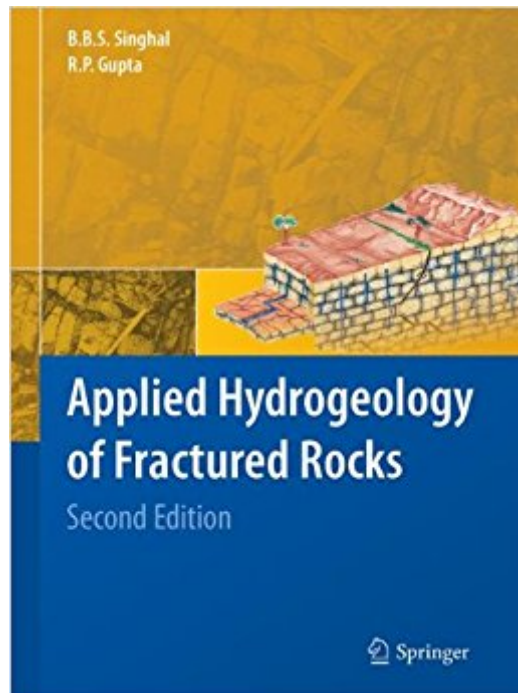


The book was found

# Applied Hydrogeology Of Fractured Rocks: Second Edition



## Synopsis

Hydrogeology is a topical and growing subject as the earth's water resources become scarcer and more vulnerable. More than half of the surface area of continents is covered with hard rocks of low permeability. This book deals comprehensively with the fundamental principles for understanding the hydrogeological characteristics of rocks, as well as exploration techniques and assessment. It also provides in depth discussion on structural mapping, remote sensing, geophysical exploration, GIS, groundwater flow modelling and contaminant transport, field hydraulic testing including tracer tests, groundwater quality, geothermal reservoirs, managed aquifer recharge, and resources assessment and management. Hydrogeological aspects of various lithology groups, including crystalline rocks, volcanic rocks, carbonate rocks and clastic formations have been dealt with separately, using and discussing examples from all over the world. It will be an invaluable text book cum reference source for postgraduate students, researchers, exploration scientists and engineers engaged in the field of groundwater development in fractured rocks. Applied Hydrogeology of Fractured Rocks - Second Edition is thoroughly revised and extended with a new chapter, updated sections, many new examples, and expanded and updated references.

## Book Information

Hardcover: 408 pages

Publisher: Springer; 2nd ed. 2010 edition (September 7, 2010)

Language: English

ISBN-10: 9048187982

ISBN-13: 978-9048187980

Product Dimensions: 7.6 x 1.1 x 10.3 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #577,099 in Books (See Top 100 in Books) #139 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology](#) #163 in [Books > Computers & Technology > Graphics & Design > Computer Modelling > Remote Sensing & GIS](#) #165 in [Books > Science & Math > Earth Sciences > Geography > Information Systems](#)

## Customer Reviews

From the reviews of the previous edition: "In all, Applied Hydrogeology of Fractured Rocks helps fill the need for a primer in fractured rocks hydrology. It should prove particularly useful to consultants confronted with fractured rock systems, and are in need of some pointers." (M. Becker,

Hydrogeology Journal (2002) 10: 600) "The book has much in it, but nevertheless it must be mentioned that like most of the rest of the book there is a strong section on fractures and discontinuities and their impacts on principles of groundwater flow and solute transport. I recommend that you persuade your paymasters to purchase one copy for your library." (Robin Herbert, Geoscience and Development 6, May 2000)

Hydrogeology is a topical and growing subject as the earth's water resources become scarcer and more vulnerable. More than half of the surface area of continents is covered with hard rocks of low permeability. This book deals comprehensively with the fundamental principles for understanding the hydrogeological characteristics of rocks, as well as exploration techniques and assessment. It also provides in depth discussion on structural mapping, remote sensing, geophysical exploration, GIS, groundwater flow modelling and contaminant transport, field hydraulic testing including tracer tests, groundwater quality, geothermal reservoirs, managed aquifer recharge, and resources assessment and management. Hydrogeological aspects of various lithology groups, including crystalline rocks, volcanic rocks, carbonate rocks and clastic formations have been dealt with separately, using and discussing examples from all over the world. It will be an invaluable text book cum reference source for postgraduate students, researchers, exploration scientists and engineers engaged in the field of groundwater development in fractured rocks. Applied Hydrogeology of Fractured Rocks - Second Edition is thoroughly revised and extended with a new chapter, updated sections, many new examples, and expanded and updated references. Audience: This book will be an invaluable text book cum reference source for postgraduate students, researchers, exploration scientists and engineers engaged in the field of groundwater development in fractured rocks. From the reviews of the previous edition: "In all, Applied Hydrogeology of Fractured Rocks helps fill the need for a primer in fractured rocks hydrology. It should prove particularly useful to consultants confronted with fractured rock systems, and are in need of some pointers." (M. Becker, Hydrogeology Journal (2002) 10: 600)

Recommended for anyone involved in moving fluids through rock. We need more technical material available for Kindle (but why so many words).

[Download to continue reading...](#)

Applied Hydrogeology of Fractured Rocks: Second Edition Fractured State: A Post-Apocalyptic Thriller (Fractured State Series Book 1) Applied Hydrogeology (4th Edition) Applied Hydrogeology Geologic Analysis of Naturally Fractured Reservoirs, Second Edition Lake Superior Rocks and

Minerals (Rocks & Minerals Identification Guides) Michigan Rocks & Minerals: A Field Guide to the Great Lake State (Rocks & Minerals Identification Guides) Rocks & Minerals of Washington and Oregon: A Field Guide to the Evergreen and Beaver States (Rocks & Minerals Identification Guides) Rocks and Minerals of The World: Geology for Kids - Minerology and Sedimentology (Children's Rocks & Minerals Books) Rocks & Minerals of Wisconsin, Illinois & Iowa: A Field Guide to the Badger, Prairie & Hawkeye States (Rocks & Minerals Identification Guides) Rocks and Minerals: A Guide to Familiar Minerals, Gems, Ores and Rocks (Golden Nature Guide #24499) (A Golden Nature Guide) Rocks and Minerals - A Guide to Minerals, Gems, and Rocks (Golden Nature Guides) Colorado Rocks & Minerals: A Field Guide to the Centennial State (Rocks & Minerals Identification Guides) Minnesota Rocks & Minerals: A Field Guide to the Land of 10,000 Lakes (Rocks & Minerals Identification Guides) The Complete Illustrated Guide To Minerals, Rocks & Fossils Of The World: A comprehensive reference to 700 minerals, rocks, plants and animal fossils ... more than 2000 photographs and illustrations Arizona Rocks & Minerals: A Field Guide to the Grand Canyon State (Rocks & Minerals Identification Guides) Fourth Grade Science Volume 1: Topics: Earth's History through Rocks, Fossils and Tree Rings, Earth's Structure, Rocks and the Rock Cycle, Plate Tectonics Explore The Rocks Walking [Ã¢ââ](#) Sydney, Australia: The Rocks Self-Guided Walking Tour [Ã¢ââ](#) plus where to find the best pubs food and nightlife at this iconic location Contaminant Hydrogeology (2nd Edition) Hydrogeology Laboratory Manual (2nd Edition)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)