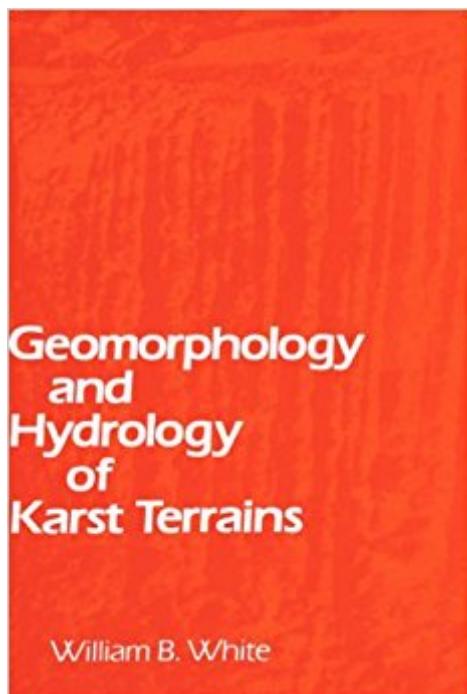


The book was found

# Geomorphology And Hydrology Of Karst Terrains



## **Synopsis**

Karst terrains - irregular limestone regions characterized by sinkholes, underground streams and caverns - have long been of interest because of the dramatic landscapes and the challenge of cave exploration. But the geomorphology and hydrology of karst drainage systems are now of interest to water supply specialists, urban planners, and environmental engineers. This graduate-level text discusses the chemistry of karst waters, the processes of sedimentary in-filling, the origins of caves, and the evolution of karst systems through geologic time. Since karst develops predominantly by chemical processes, this text is written from the point of view of the chemistry of limestone solution. The approach is more quantitative and process-oriented than that of existing textbooks, and the author includes material on environmental problems in karst regions, including land use and land management, water supply, and pollution control.

## **Book Information**

Hardcover: 480 pages

Publisher: Oxford University Press; 1 edition (May 5, 1988)

Language: English

ISBN-10: 0195044444

ISBN-13: 978-0195044447

Product Dimensions: 9.6 x 1.1 x 6.5 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,359,874 in Books (See Top 100 in Books) #75 in Books > Science & Math > Earth Sciences > Geology > Geomorphology #433 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #4904 in Books > Textbooks > Science & Mathematics > Earth Sciences

## **Customer Reviews**

"Several sections are included that are generally neglected in geomorphology texts and their inclusion by White will be valuable and of interest to teachers and students . . . . Discussion of evaporite karst as well as karst and karst-like features in slightly soluble rocks and ice add to the all-inclusive nature of the text." --Journal of Geological Education "The most comprehensive text in the field in any language ...covers many technical and environmental aspects not found in any other textbook. The author has contributed innovative research in most of the major topics; he is the most appropriate person in the U.S. to write such a book."--Arthur N. Palmer, State University of New

York at Oneonta"An excellent summary of both the forms and processes involved in the development of caves and related features." --Choice"To write a book on karst hydrology and geomorphology is a major undertaking. William B. White has done an excellent job in selecting material from more than 800 technical books and articles and combining this material with the results of his own extensive experience into an exceptionally useful book." --Stanley N. Davis, University of Arizona"Author William B. White has summarized and outstandingly brilliant career in Karst Hydrology with what will easily be accepted as the finest textbook ever written on the subject. He writes in the style of old world scientists who knew better the skill of articulating both exact and poetic prose." --Journal of Ground WaterWe are indebted to the author for this authoritative integration of a large, complex, and scattered polyglot literature. The book is an admirable cross-disciplinary synthesis applied to one of the more romantic landscapes of our planet."

--Science"A major new contribution to the literature on karst. . . . This text supersedes all previous books on this topic. . . . Will White, over the years and in many ways, has taught most of the people who are interested in karst. Now he has written an excellent book through which he will teach many more." --Water Resources Bulletin"At last here is a technical book that does justice to caves as a source of inspiration and hard field data. Will White's scientific roots as a caver are revealed immediately in the dedication, preface, and introduction, and evidence of his background pervades the entire book. For 30 years he has probed the major questions about caves and karst, leaving few stones unturned. Will's writing is entertaining, clear, and often delightfully irreverent. . . . Will White does great credit to his own work, to the many sources he acknowledges, and to American karst science in general. This book is a must for anyone who wants to understand the Why and How of karst processes." --CRF Newsletter"The book's greatest value to those already concerned with karst geomorphology lies in the strongly individual voice in which it is written, a voice which represents a distinctively American school of thought which as largely grown up around White and other leading members of the Cave Research Foundation in the eastern U.S.A. It is the first substantial American textbook on karst for thirty years, and very much reflects U.S. developments." --Earth Surface Processes and Landforms"The book is superior to many of the karst works presently available and it should take its place on student reading lists." --The Australian Geologist

William B. White is at Pennsylvania State University.

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

Geomorphology and Hydrology of Karst Terrains Karst Hydrology and Geomorphology of the Barrack Zourie Cave System, Schoharie County, New York (Bulletin No. 5) Karst Hydrogeology and

Geomorphology Hydrology for Engineers, Geologists, and Environmental Professionals, Second Edition: An Integrated Treatment of Surface, Subsurface, and Contaminant Hydrology Glaciation and Speleogenesis: Interpretations from the Northeastern United States (Cave and Karst Systems of the World) Field Guide to Caves and Karst of Guam Introducing Geomorphology: A Guide to Landforms and Processes (Introducing Earth and Environmental Sciences) Handbook of Weather, Climate and Water: Atmospheric Chemistry, Hydrology and Societal Impacts Geomorphology and Global Tectonics Soils: Genesis and Geomorphology Soils: Genesis and Geomorphology by Schaetzl, Randall J., Anderson, Sharon published by Cambridge University Press (2005) Introduction to Coastal Processes and Geomorphology, Second Edition Principles of Glacial Geomorphology and Geology Landscapes and Geomorphology: A Very Short Introduction (Very Short Introductions) Introduction to Coastal Processes and Geomorphology Tools in Fluvial Geomorphology (Advancing River Restoration and Management) Soils and Geomorphology Regolith Geology and Geomorphology Introduction to Coastal Processes and Geomorphology, Second Edition 2nd (second) Edition by Masselink, Gerd, Hughes, Michael, Knight, Jasper published by Routledge (2011) By Gerhard Masselink - Introduction to Coastal Processes and Geomorphology: 1st (First) Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)