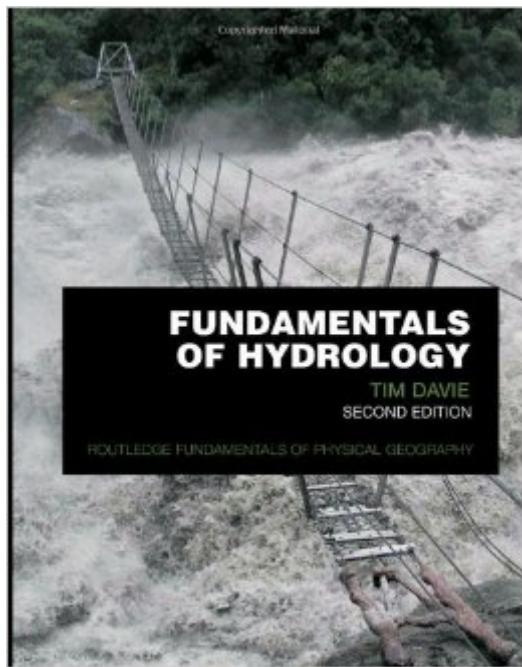


The book was found

Fundamentals Of Hydrology (Routledge Fundamentals Of Physical Geography)



Synopsis

In order to manage the world's increasingly scarce water resources we must have a sound understanding of how water moves around the planet and what influences water quality. Fundamentals of Hydrology provides an engaging and comprehensive introduction to this subject and provides real-life examples of water resource management in a changing world. The second edition of this popular book brings the text up-to-date with additional case studies and diagrams and a greater synthesis of water quality with physical hydrology. The chapters on runoff and evaporation have been updated and the final chapter on hydrology in a changing world has more material on water resource management strategies. Additionally the chapter on streamflow analysis now includes a more in-depth section on modelling runoff. The book begins with a comprehensive coverage of precipitation, evaporation, water stored in the ground and as snow and ice, and runoff. These physical hydrological processes show with respect to the fundamental knowledge about the process, its measurement and estimation and how it ties in with water quality. Following this is a section on analyzing streamflow data, including using computer models and combining hydrology and ecology for in-stream flow assessment. A chapter on water quality shows how to measure and estimate it in a variable environment and finishes with a section on pollution treatment. The final chapter brings the text together to discuss water resource management and real-life issues that are faced by hydrologists in a constantly changing world. Fundamentals of Hydrology is a lively and accessible introduction to the study of hydrology at university level. This new edition continues to provide an understanding of hydrological processes, knowledge of the techniques used to assess water resources and an up-to-date overview of water resource management in a changing world. Throughout the text, wide-ranging examples and case studies are used to clearly explain ideas and methods. Short chapter summaries, essay questions, guides to further reading and a glossary are also included.

Book Information

Series: Routledge Fundamentals of Physical Geography

Paperback: 220 pages

Publisher: Routledge; 2 edition (June 18, 2008)

Language: English

ISBN-10: 0415399874

ISBN-13: 978-0415399876

Product Dimensions: 7.3 x 0.5 x 9.5 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars See all reviews (4 customer reviews)

Best Sellers Rank: #547,852 in Books (See Top 100 in Books) #96 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #113 in Books > Science & Math > Earth Sciences > Geophysics #1100 in Books > Textbooks > Science & Mathematics > Earth Sciences

Customer Reviews

I had to take a forest soils and hydrology course as part of my undergraduate study in forestry. I had never taken a hydrology course and frankly didn't have the slightest idea what to expect in this class. This book happened to be on the recommended readings list on the course syllabus. I found it at a reasonable price on so I purchased it. This turned out to be a great investment! Not only did it help me during this particular class, but I find myself revisiting it from time to time in graduate school. The book is written in a very natural, easy to understand way that I was able to grasp immediately. It should be noted this book only teaches the basics of hydrology, hence the title "Fundamentals of Hydrology," so if you already have an intro to hydrology text you may find this text to be redundant.

Do not purchase the Kindle edition until they fix the errors. This Kindle edition has lots of words missing in chapter 2. For example: "This is through bination of altitude, slope, aspect and weather direction influences and can occur different scales... THE RAIN SHADOW EFF". I haven't contacted anyone about this defect yet. Because I haven't figure out how to exchange or contact anyone about a Kindle edition defect.

I mean it's a book. I got a B in the class. Meh.

good price

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

Fundamentals of Hydrology (Routledge Fundamentals of Physical Geography) Fundamentals of Geomorphology (Routledge Fundamentals of Physical Geography) Physical Geography Laboratory Manual for McKnight's Physical Geography: A Landscape Appreciation (11th Edition) Routledge Handbook of Public Aviation Law (Routledge Handbooks) The Routledge Handbook of the War of 1812 (Routledge International Handbooks) Routledge International Handbook of Sustainable

Development (Routledge International Handbooks) The Routledge Companion to the Study of Religion (Routledge Religion Companions) Queering Tourism: Paradoxical Performances of Gay Pride Parades (Routledge Studies in Human Geography) Ageing Resource Communities: New frontiers of rural population change, community development and voluntarism (Routledge Studies in Human Geography) Elements of Physical Hydrology Physical Hydrology, Second Edition Physical Hydrology, Third Edition Urban Geography: A Critical Introduction (Critical Introductions to Geography) McKnight's Physical Geography: A Landscape Appreciation (10th Edition) McKnight's Physical Geography: A Landscape Appreciation (11th Edition) Physical Geography: The Global Environment McKnight's Physical Geography: A Landscape Appreciation (12th Edition) Physical Geography: Science and Systems of the Human Environment Vadose Zone Hydrology Environmental Hydrology, Third Edition

[Dmca](#)