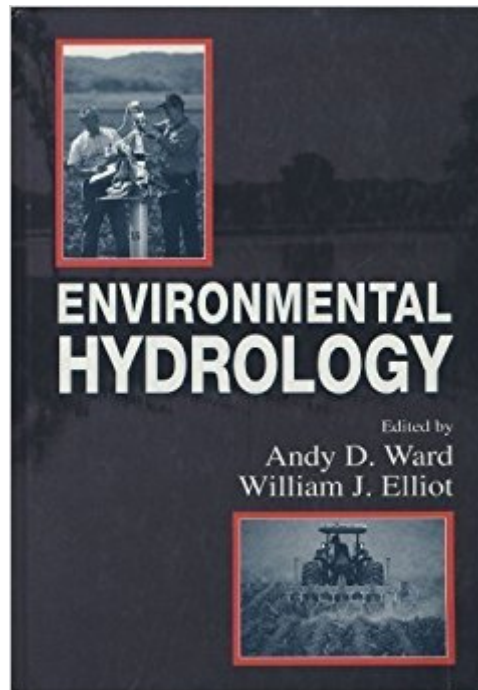




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Environmental Hydrology



Synopsis

Environmental Hydrology is an excellent textbook for use in introductory/intermediate hydrology courses. 60 tables, 169 illustrations, 71 worked examples, 120 homework problems, laboratory exercises or projects are included in this ideal textbook for students of environmental science, hydrology, meteorology, agronomy, soil science, forestry, geography, natural resources, and agricultural and civil engineering. It provides a qualitative understanding of hydrologic processes and an introduction to methods for quantifying hydrologic parameters and processes. English units are primarily used but conversion tables and many problems with SI units are also presented. Written by an interdisciplinary group of scientists and engineers, the book begins with introductory chapters on the components of the hydrologic cycle. Subsequent chapters cover soil water hydrology, evapotranspiration, ground-water flow, surface runoff, soil erosion, flow in channels, forest and wetland hydrology, water quality, remote sensing applications in hydrology, and modeling hydrologic systems. It also includes a chapter of projects and laboratory exercises, a glossary of terms, hydrologic data, and references.

Book Information

Hardcover: 496 pages

Publisher: CRC Press; 1 edition (August 22, 1995)

Language: English

ISBN-10: 0873718860

ISBN-13: 978-0873718868

Product Dimensions: 1.2 x 7.5 x 10.5 inches

Shipping Weight: 2.2 pounds

Average Customer Review: 3.0 out of 5 stars 20 customer reviews

Best Sellers Rank: #824,580 in Books (See Top 100 in Books) #19 in Books > Science & Math > Environment > Recycling #192 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #687 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Ecology

Customer Reviews

This is not your ordinary textbook…It is eclectic, practical, in places a handbook, a guide to fieldwork…and, perhaps most engaging to me, in places the authors offer personal views as well as more strongly worded opinions. The former often relate to evaluation of alternative approaches, or formulations, of specific solutions to specific hydrologic problems...I hope any

student will enjoy, not just profit from, the careful advice given to those involved in their first observations of rivers in the field… -Professor M. Gordon (Reds) Wolman, Johns Hopkins University.

This is by far the worst textbook I have ever been forced to use. I am completing a M.S. degree, and between all of my undergraduate and masters classes, this text has been the most confusing and difficult to use. The equations in the textbook are frequently not explained fully, sometimes they wrap around more than one line of text which makes it difficult to know if it is part of the same equation. The questions at the end of each chapter are written in a confusing manner and it is difficult to know exactly what they are asking. The examples in each chapter do not go through each step of the problem, it will jump from one assumption to the next and not explain how it went from A to B. The index is not accurate and does not point the reader to the correct places in the textbook for concepts. Overall this is a really terrible textbook and has left hating the subject of hydrology.

Wasn't impressed with this book. This book had many mistakes which was quite annoying. Didn't have a choice, was required to have the book for class. It got to the point where I would make assumptions to what the author was getting at for the problems in the book. Units and terms were incorrect for some problems. This led me to rent the book instead of buying. I am glad I did - I have no use for a book that I can't rely on. I wouldn't doubt that the errors are on purpose to justify the creation of new edition\$.

Textbook was not useful for the course I was taking. Did not cover the material we did in class. That could just be an error on the professor's part though.

Not useful...should have more examples of calculations...not easy to read.

Great!

Not too well as how I thought

This must be the worst textbook ever written. It is filled with typo's, hard to follow instructions, and incomprehensible explanations. It is terrible. If you are in a class that requires this book, don't walk, RUN and drop the class!

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