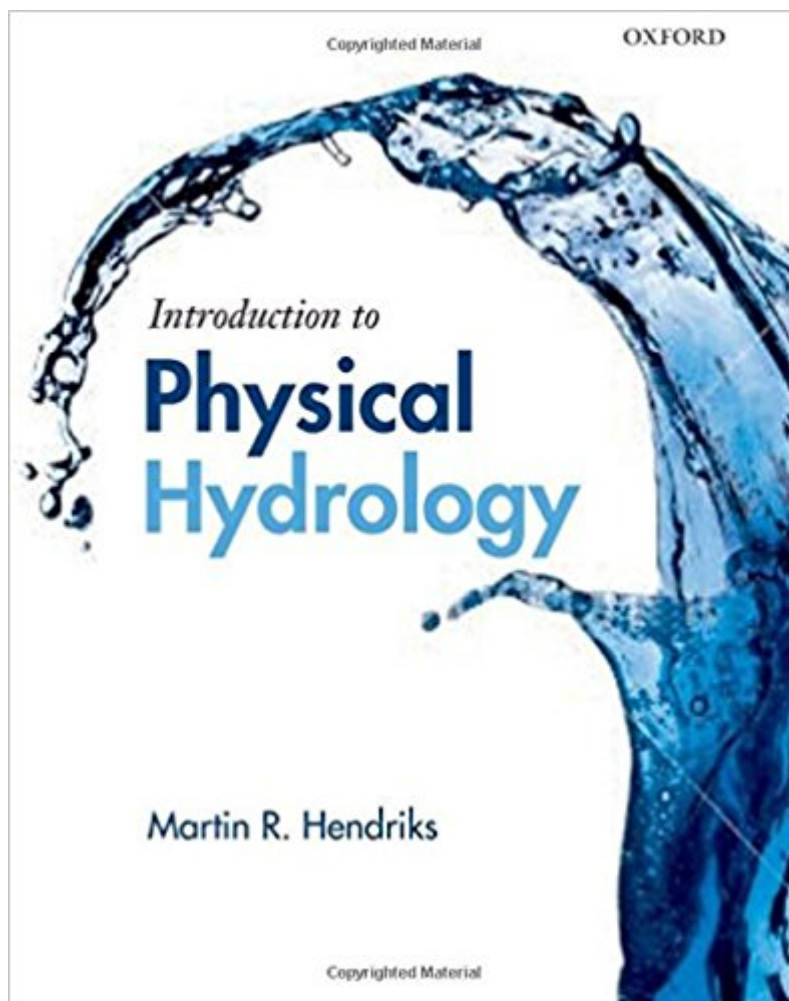




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Introduction To Physical Hydrology



Synopsis

As hydrology is now approached from environmental and social perspectives--in addition to the more traditional physical geography and civil engineering perspectives--there has never been a more opportune time to develop a sound understanding of the field. *Introduction to Physical Hydrology* provides students with a solid foundation in the core principles of the subject. Exploring the key rules that govern the flow of water on land, it considers the four major types of water: atmospheric, ground, soil, and surface. The text offers insights into major hydrological processes and shows how the principles of physical hydrology inform our understanding of climate and global hydrology. The book includes a carefully developed and class-tested pedagogical framework: it employs an extensive range of exercises, global examples, and a series of Math Toolboxes to help students engage with and master the material. A Companion Website features resources for students and instructors.

Book Information

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Customer Reviews

"a detailed and thorough review of the physical principles of hydrology... case studies and examples as 'boxes', and student exercises (along with the all important answers) makes this student textbook a useful addition to the literature available in this subject area." --Dr Ian Maddock, Principal Lecturer in Physical Geography, University of Worcester

Martin Hendriks is Associate Professor of Physical Hydrology at Utrecht University, where he

teaches hydrology and physical geography at all levels, and coordinates their MSc program in Physical Geography and Hydrology.

Those readers with a strictly physics background (like myself) may find the presentation a little confusing. A lot of details are introduced first before the basic concepts. I would suggest reading the chapter summary first before tackling the content of the chapter.

The author was well succeed about to show and explain the physics of hydrologic process. The entire volume is full of examples and illustrations which help so much the reader to follow the reasoning from the concept to the mathematical formulation to represent it.

Very nice modern format, easy to follow, lots of good figures.

excelent

these two book were a gift to a graduate Masters student. He is reading both, said it was exactly as he wanted.

Excellent teaching resource. I have never seen a book that explains hydrological equations and the variables within them as effectively as this book does. There are plenty of example problems and explanations. The author also explains what methods can be used to measure the variables within the book. I highly recommend this book for anyone teaching a university level hydrology course.

OK. This product cuts through bread like a hot product through butter. Great product! send it to my grandmother, recommend it to my friend. just fine,

Very nice book, concise, clean and crisp graphs, good examples, nice toolbox section on analytical models. Good value!

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