



# Hydrogeology: Principles and Practice

*By Kevin M. Hiscock*

Download now

Read Online ➔

## **Hydrogeology: Principles and Practice** By Kevin M. Hiscock

Hydrogeology: Principles and Practice provides a comprehensive introduction to the study of hydrogeology and the significance of groundwater in the terrestrial aquatic environment.

Earlier chapters explain the fundamental physical and chemical principles of hydrogeology, and later chapters feature groundwater investigation techniques and contaminant hydrogeology. A unique feature of the book is a chapter on the application of environmental isotopes and noble gases in the interpretation of aquifer evolution. The last chapter discusses groundwater resources and environmental management, and examines the role of groundwater in integrated river basin management, including the possible impacts of climate change.

Throughout the text, boxes are used to explain special topics and to illustrate international case studies. The appendices provide useful reference material and include review questions and exercises to develop the reader's knowledge and problem-solving skills in hydrogeology.

This accessible textbook is essential reading for undergraduate and graduate students in earth and environmental sciences taking a course in hydrogeology or groundwater science.

An Instructor manual CD-ROM for this title is available. Please contact our Higher Education team at [HigherEducation@wiley.com](mailto:HigherEducation@wiley.com) for more information.

 [Download Hydrogeology: Principles and Practice ...pdf](#)

 [Read Online Hydrogeology: Principles and Practice ...pdf](#)

# Hydrogeology: Principles and Practice

*By Kevin M. Hiscock*

## **Hydrogeology: Principles and Practice** By Kevin M. Hiscock

Hydrogeology: Principles and Practice provides a comprehensive introduction to the study of hydrogeology and the significance of groundwater in the terrestrial aquatic environment.

Earlier chapters explain the fundamental physical and chemical principles of hydrogeology, and later chapters feature groundwater investigation techniques and contaminant hydrogeology. A unique feature of the book is a chapter on the application of environmental isotopes and noble gases in the interpretation of aquifer evolution. The last chapter discusses groundwater resources and environmental management, and examines the role of groundwater in integrated river basin management, including the possible impacts of climate change.

Throughout the text, boxes are used to explain special topics and to illustrate international case studies. The appendices provide useful reference material and include review questions and exercises to develop the reader's knowledge and problem-solving skills in hydrogeology.

This accessible textbook is essential reading for undergraduate and graduate students in earth and environmental sciences taking a course in hydrogeology or groundwater science.

An Instructor manual CD-ROM for this title is available. Please contact our Higher Education team at [HigherEducation@wiley.com](mailto:HigherEducation@wiley.com) for more information.

## **Hydrogeology: Principles and Practice** By Kevin M. Hiscock Bibliography

- Sales Rank: #2808563 in Books
- Brand: Brand: Wiley-Blackwell
- Published on: 2005-02-11
- Original language: English
- Number of items: 1
- Dimensions: 9.70" h x .72" w x 7.28" l, 1.71 pounds
- Binding: Paperback
- 406 pages

 [Download Hydrogeology: Principles and Practice ...pdf](#)

 [Read Online Hydrogeology: Principles and Practice ...pdf](#)

## **Editorial Review**

### **Review**

"...this highly engaging and understandable book...gives support to all those having to deal with practical problems facing the hydrogeologist...essential reading for those studying earth and environmental sciences. It is also recommended to hydrogeologists in private enterprises and within public administration."

*Environmental Geology, June 2006*

"...Kevin Hiscock has captured the major issues and themes relevant to today's hydrogeologist by presenting them in a logical approach. The text is illustrated throughout with beautifully presented, clear and precise drawings. The examples really do add to the content and distinguish this volume from similar textbooks on the market. The book will prove a worthy addition to anyone's library shelf, not only to aid undergraduate or postgraduate study, but also as a reference to practising professionals like myself who've gone a bit rusty on some of the those key concepts!" *Geoscientist, June 2006*

"Dr Hiscock has clearly spent significant effort drawing together many case studies . . . that provide excellent practical illustration of the principles taught. It is the diversity and high quality of these case studies drawn from all over the world that set this book apart from other texts. The book covers most aspects likely to be addressed in many undergraduate courses and will provide a foundational general text for postgraduate courses to be used alongside more specific hydrogeological texts. Practising hydrogeologists will find it a welcome refresher and useful resource."

*Geological Magazine*

"The newest addition to the available textbooks in hydrogeology . . . is a slim, softcover volume but has more depth than many introductory texts. The smaller typeface and compact, yet clear figures allow this concise presentation . . . I would recommend this text for introductory or even advanced courses."

*Ground Water*

### **From the Back Cover**

*Hydrogeology: Principles and Practice* provides a comprehensive introduction to the study of hydrogeology and the significance of groundwater in the terrestrial aquatic environment.

Earlier chapters explain the fundamental physical and chemical principles of hydrogeology, and later chapters feature groundwater investigation techniques and contaminant hydrogeology. A unique feature of the book is a chapter on the application of environmental isotopes and noble gases in the interpretation of aquifer evolution. The last chapter discusses groundwater resources and environmental management, and examines the role of groundwater in integrated river basin management, including the possible impacts of climate change.

Throughout the text, boxes are used to explain special topics and to illustrate international case studies. The appendices provide useful reference material and include review questions and exercises to develop the reader's knowledge and problem-solving skills in hydrogeology.

This accessible textbook is essential reading for undergraduate and graduate students in earth and environmental sciences taking a course in hydrogeology or groundwater science.

#### About the Author

**Kevin Hiscock** is a Senior Lecturer in the School of Environmental Sciences at the University of East Anglia. He has over 20 years' experience in teaching and research in hydrogeology, with interdisciplinary interests in hydrochemistry, environmental isotopes and groundwater resources management.

#### Users Review

##### From reader reviews:

##### **Raymond Striegel:**

What do you consider book? It is just for students as they are still students or it for all people in the world, exactly what the best subject for that? Just you can be answered for that query above. Every person has various personality and hobby for every single other. Don't to be forced someone or something that they don't need do that. You must know how great and important the book Hydrogeology: Principles and Practice. All type of book could you see on many options. You can look for the internet solutions or other social media.

##### **Cindy Johnson:**

Here thing why this particular Hydrogeology: Principles and Practice are different and trusted to be yours. First of all looking at a book is good but it really depends in the content of computer which is the content is as scrumptious as food or not. Hydrogeology: Principles and Practice giving you information deeper and in different ways, you can find any reserve out there but there is no e-book that similar with Hydrogeology: Principles and Practice. It gives you thrill reading through journey, its open up your current eyes about the thing which happened in the world which is possibly can be happened around you. You can easily bring everywhere like in park, café, or even in your technique home by train. If you are having difficulties in bringing the imprinted book maybe the form of Hydrogeology: Principles and Practice in e-book can be your choice.

##### **Virginia Doak:**

Spent a free the perfect time to be fun activity to accomplish! A lot of people spent their down time with their family, or their very own friends. Usually they accomplishing activity like watching television, gonna beach, or picnic within the park. They actually doing ditto every week. Do you feel it? Will you something different to fill your current free time/ holiday? Might be reading a book is usually option to fill your totally free time/ holiday. The first thing you will ask may be what kinds of publication that you should read. If you want to try out look for book, may be the book untitled Hydrogeology: Principles and Practice can be excellent book to read. May be it might be best activity to you.

##### **Cassandra Giron:**

With this era which is the greater man or woman or who has ability to do something more are more treasured than other. Do you want to become considered one of it? It is just simple strategy to have that. What you must do is just spending your time almost no but quite enough to get a look at some books. One of the books

in the top list in your reading list is definitely Hydrogeology: Principles and Practice. This book which can be qualified as The Hungry Slopes can get you closer in turning out to be precious person. By looking up and review this guide you can get many advantages.

**Download and Read Online Hydrogeology: Principles and Practice  
By Kevin M. Hiscock #XTJRZA285ES**

## **Read Hydrogeology: Principles and Practice By Kevin M. Hiscock for online ebook**

Hydrogeology: Principles and Practice By Kevin M. Hiscock Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Hydrogeology: Principles and Practice By Kevin M. Hiscock books to read online.

### **Online Hydrogeology: Principles and Practice By Kevin M. Hiscock ebook PDF download**

#### **Hydrogeology: Principles and Practice By Kevin M. Hiscock Doc**

**Hydrogeology: Principles and Practice By Kevin M. Hiscock Mobipocket**

**Hydrogeology: Principles and Practice By Kevin M. Hiscock EPub**

**XTJRZA285ES: Hydrogeology: Principles and Practice By Kevin M. Hiscock**