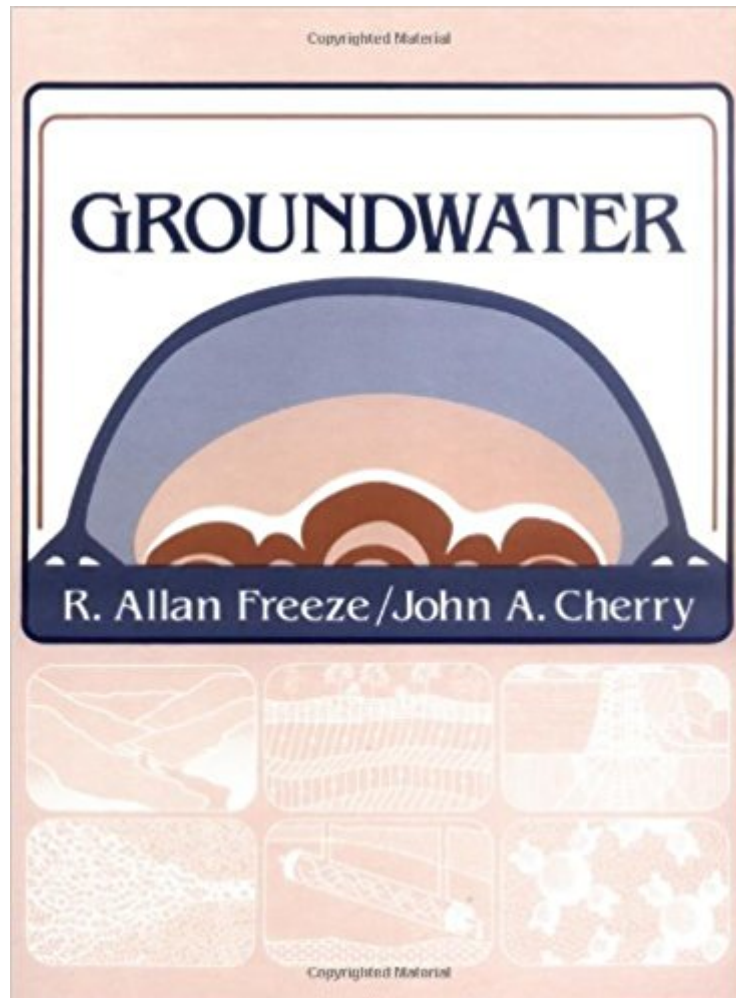


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# Groundwater



## Synopsis

A comprehensive presentation of groundwater hydrology that integrates chemistry, physics, geology, and calculus while applying theory to real-world geology. Provides quantitative methods of calculation in groundwater hydrology. Contains sections on transport processes, ground water contamination, well hydraulics, and aquifer yield including analog and numerical modeling. Covers mathematical derivations in appendices.

## Book Information

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Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (13 customer reviews)

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## Customer Reviews

Despite the fact that this book was written almost twenty years ago, it is still considered the definitive work on groundwater geology. A must-have for hydrogeologists and groundwater engineers.

Overall a very good book. This is the text our Hydrogeology professor, Dr.J.Toth used in the 80's. It covers a great deal of information on facies,flow nets, hydrologic cycle, chemical evolution, groundwater resource evaluation, contamination, groundwater processes and a really good section on chemical principles and mass action. This is not a quantitative text, the discussions on finite difference and finite element methods include very little math. I would have also liked to have seen a better discussion of well hydraulics. I still turn to it for a reference as it is a very useful book.

The classic, and easier to understand than 'Applied Hydrogeology' by Fetter. Not new, but everyone

in this area should have this book for reference.

Great book to have on your desk for groundwater problems. I got it to supplement some stuff in grad school and I still use it at work.

This is a fabulous book on groundwater. The best. However, I paid \$149 and got an EXTREMELY POOR QUALITY printed product. Cheap paper and binding, small print, smudged figures. It probably cost the publisher 5 bucks to have this printed. I am horribly dissapointed. I kick myself for not keeping my original copy. Paid \$80 for a beautiful, hardbound copy.

Groundwater is a didactical book. It preceive a trend in the study and practice of groundwater hydrology. Joao Paulo Chiste - Brazil

This is a good complement to "Groundwater Hydrology" by Todd. Freeze and Cherry is more detailed, rigorous, and quantitative than Todd, but it doesn't communicate the big picture quite as well. As well as an undergraduate textbook, this book is an essential resource for anyone working in the field.

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