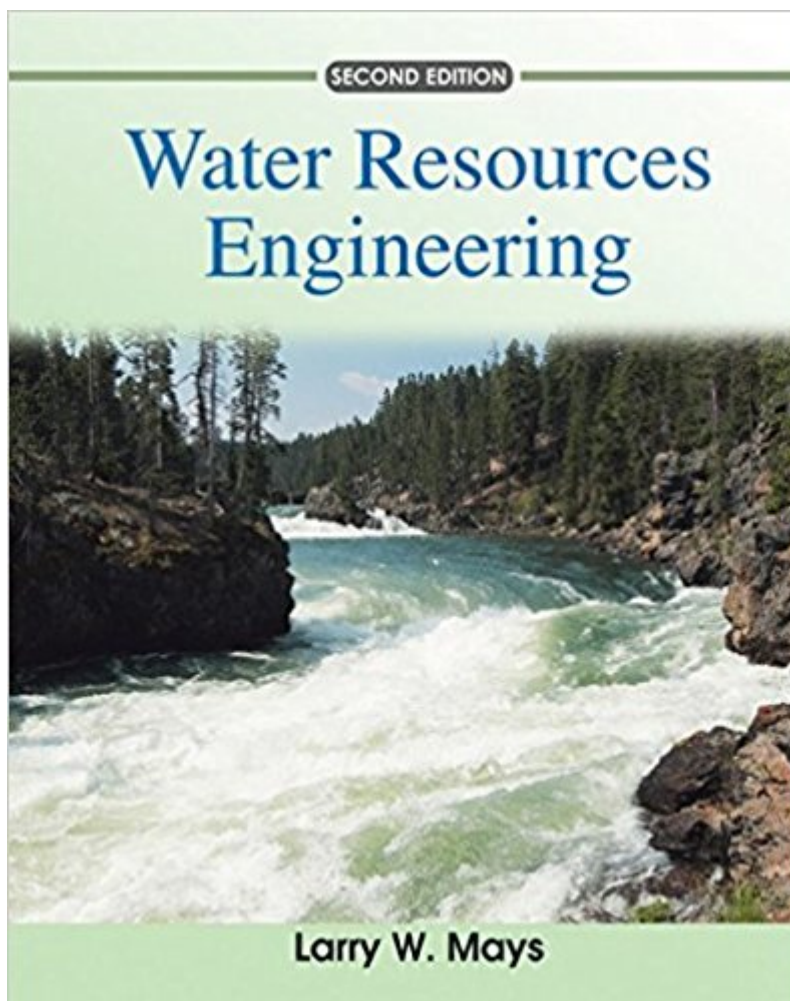




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# Water Resources Engineering



## Synopsis

Environmental engineers continue to rely on the leading resource in the field on the principles and practice of water resources engineering. The second edition now provides them with the most up-to-date information along with a remarkable range and depth of coverage. Two new chapters have been added that explore water resources sustainability and water resources management for sustainability. New and updated graphics have also been integrated throughout the chapters to reinforce important concepts. Additional end-of-chapter questions have been added as well to build understanding. Environmental engineers will refer to this text throughout their careers.

## Book Information

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## Customer Reviews

Larry W. Mays is Professor in the Civil, Environmental, and Sustainable Engineering Group in the School of Sustainable Engineering and the Built Environment at Arizona State University (ASU), and former chair of the Department of Civil and Environmental Engineering. Prior to ASU he was Director of the Center for Research in Water Resources at the University of Texas at Austin, where he held an Engineering Foundation-endowed professorship. A registered professional engineer in several states, and a registered professional hydrologist, he has served as a consultant to many national and international Organizations. Professor Mays has published extensively in refereed journal publications and in the proceedings of national and international conferences. He was the author of the first edition of this book and *Optimal Control of Hydrosystems* (published by Marcel Dekker), and co-author of *Applied Hydrology and Hydrosystems Engineering and Management*

(both from McGraw-Hill) and Groundwater Hydrology (published by John Wiley & Sons, Inc.). He was editor-in-chief of Water Resources Handbook, Water Distribution Systems Handbook, Urban Water Supply Management Tools, Stormwater Collection Systems Design Handbook, Urban Water Supply Handbook, Urban Water Resources Sustainability, all published by McGraw-Hill. In addition, he was editor-in-chief of Reliability Analysis of Water Distribution Systems and co-editor of Computer Methods of Free Surface and Pressurized Flow published by McGraw-Hill. In addition, he was editor-in-chief of Reliability Analysis of Water Distribution Systems and co-editor of Computer Methods of Free Surface and Pressurized Flow published by Kluwer Academic Publishers.

Unfortunately, I don't feel a review is going to make much of a difference to the people most in need of heeding it, but I will say my piece anyway. The book feels disorganized. Like a rough draft before someone points out all the clarity issues. Equation derivations were poorly discussed, variables were often times skipped over so defining them in equations as very difficult, and topics were often times too short to extract the necessary information. I busted my ass at ##### and graduated two semesters early; this was my least favorite class. The inability of the teacher to effectively present the material should not reflect on the book, but it does when you are so heavily reliant on the book for knowledge. I have had other professors that needed to take classes on "teaching" - yes, there is a reason a person can get a doctorate in "education" - but I have never had a class where both the professor and book failed me so terribly. The students taught each other the material. If you are buying this for class, I am sorry. If you are buying this a resource, look elsewhere. There has to be something better. (As an aside, I feel I should mention I not only graduated early, but I am currently employed as a civil engineering intern working in a waste water department that deals directly with the material covered in this book.)

Great product, on time shipping.

Wasn't used much in class but I really learned a lot of info from reading the book. Helped me to be better prepared for exams and I still have it with me as a resource

The pages were ripped

So many errors in the book, even in the formulas!!! Avoid if possible! I had to write so many corrections in this book. Hopefully your professor is aware of them.

This text includes some useful information, but the author makes some logical leaps and bounds that are very difficult to follow. Equations are given without explanation and the wording of some passages leaves the reader searching for guidance. Some example solutions use equations that aren't given (and can't be expected to be known). Examples are also sparse and cover only about a third of the concepts discussed. I would not suggest using this book as a reference, but if you are required to use it for a class, take good notes in lecture.

Excellent book and a must for PE.

This was a required text for a class. It is helpful and describes hydrology concepts well.

Recommend to any water resource engineers.

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