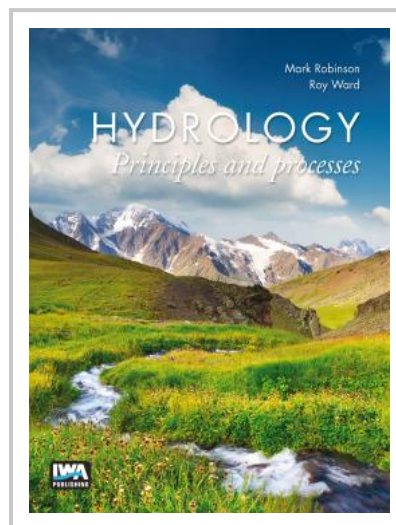


Hydrology: Principles and Processes

The book comprises nine chapters, with seven core chapters dealing in detail with the basic principles and processes of the main hydrological components of the water cycle: precipitation, interception, evaporation, soil water, groundwater, streamflow and water quality. It takes a broadly non-mathematical approach, although some numeracy is assumed particularly in the treatment of evaporation and soil water. The introductory and concluding chapters show the relations and interactions between these components, and also put the importance of water into a wider human context – its significant role in human history, its key role today, and potential role in future in the light of climate change and increasing global population pressures. The book is thoroughly up-to-date, contains over 100 diagrams and photographs to explain and amplify the concepts described, and contains over 750 references for further study.



"This book by Robinson and Ward is sure to become a classic text for hydrology students in upper-level undergraduate classes and on broad-based graduate programmes in hydrology. With superbly written explanations of key principles, and well-illustrated examples from the wider literature, this book is to be recommended as an accessible yet thorough introduction to hydrological science."

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"The book represents an excellent summary of our current understanding of hydrological processes presented in a clear and concise way."

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