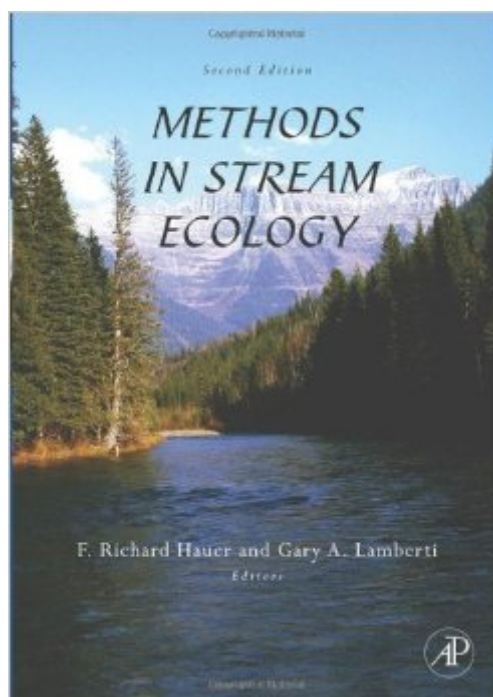


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Methods In Stream Ecology, Second Edition



Synopsis

Methods in Stream Ecology provides a complete series of field and laboratory protocols in stream ecology that are ideal for teaching or conducting research. This new edition is updated to reflect recent advances in the technology associated with ecological assessment of streams, including remote sensing. In addition, the relationship between stream flow and alluviation has been added, and a new chapter on riparian zones is also included. With a student-friendly price, this Second Edition is key for all students and researchers in stream and freshwater ecology, freshwater biology, marine ecology, and river ecology. This text is also supportive as a supplementary text for courses in watershed ecology/science, hydrology, fluvial geomorphology, and landscape ecology. *

Exercises in each chapter* Detailed instructions, illustrations, formulae, and data sheets for in-field research for students* Taxonomic keys to common stream invertebrates and algae* Website with tables* Link from Chapter 22: FISH COMMUNITY COMPOSITION to an interactive program for assessing and modeling fish numbers

Book Information

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Customer Reviews

After so many 'yawn' text books, this one is really useful. I'm teaching a lab in freshwater ecology. There is a lot of material that is very useful. Any new methods your wanting to try out for research or monitoring, this book gives you an excellent introduction on what to do and how, including all the important info normally left out scientific literature (sourcing materials etc.).

I'm currently a Ph.D. student with prior experience in aquatic ecology. Previously, most of my work has focused on lentic rather than lotic systems. After taking the usual stream ecology and hydrology courses I felt confident that I understood the basic concepts of ecology as they pertain to flowing water. However, when designing an experiment from scratch I needed a "crash course" in how to implement methodology. This book has been no disappointment on that front, and is a must have for anyone entering the field as a stream ecologist. In addition, I feel it would make a good supplemental text whereby students could perform some of the procedures outlined in the book for labs.

I consider this book the best one I ever read about stream ecology assessment, with both strong theoretical bases and very useful/interesting field methods shown. I used this book for my own field work and for students. They loved it, as I did before.

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