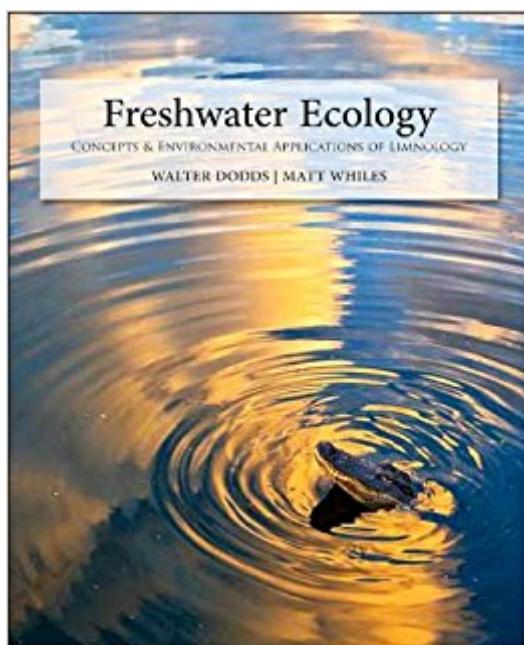


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# Freshwater Ecology: Concepts And Environmental Applications Of Limnology (Aquatic Ecology)



## Synopsis

The Second Edition of Freshwater Ecology is broad, up-to-date treatment of everything from the basic chemical and physical properties of water to advanced unifying concepts of the community ecology and ecosystem relationships as found in continental waters. With 40% new and expanded coverage, this text covers applied and basic aspects of limnology, now with more emphasis on wetlands and reservoirs than in the previous edition. The authors take a synthetic approach to ecological problems, teaching students how to handle the challenges faced by contemporary aquatic scientists. New to this edition: 80 new and updated figures, including a section of color plates 2 new chapters and expanded coverage throughout 500 new and updated references Expanded revision of Dodds' successful text. New boxed sections provide more advanced material within the introductory, modular format of the first edition. Basic scientific concepts and environmental applications featured throughout. Added coverage of climate change, ecosystem function, hypertrophic habitats and secondary production. Expanded coverage of physical limnology, groundwater and wetland habitats. Expanded coverage of the toxic effects of pharmaceuticals and endocrine disrupters as freshwater pollutants. More on aquatic invertebrates, with more images and pictures of a broader range of organisms. Expanded coverage of the functional roles of filterer feeding, scraping, and shredding organisms, and a new section on omnivores. Expanded appendix on standard statistical techniques.

## Book Information

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## Customer Reviews

Regarding content- I don't know if I just don't like the subject or if the book is actually terribly written. It goes on and on, but you never finish a chapter feeling like you've learned something, rather like you've just read a bunch of rambling that you were expected to pick important pieces out of, then research those pieces elsewhere to find the real point. Regarding quality of the book- if you actually plan on opening and reading the book, the binding is awful. It broke when I got to chapter 4. So much for being a rental.

For the most part, I really enjoyed using this book for class. The content discussing abiotic factors can be really confusing and seems to repeat itself (a lot); however, content discussing biotic factors of ecology was very well presented and really interesting to read.

Great introductory text! Well written and accessible to a variety of students and scientists. It's a text that I like to page through for the literature, and often will lend to others looking for a freshwater perspective. Good to have on hand if you're just starting out in a freshwater discipline.

Looks great, perfect condition and came right on time. I wish the book had more colored pictures though. Everything is in black and white.

book in good condition as advertised.

A+

Poorly bound. It fell apart after a few weeks of use.

This text does a great job of covering a lot of material in an approachable way. The writing is well paced rather than dry, making it easy to absorb the content without it becoming a chore.

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