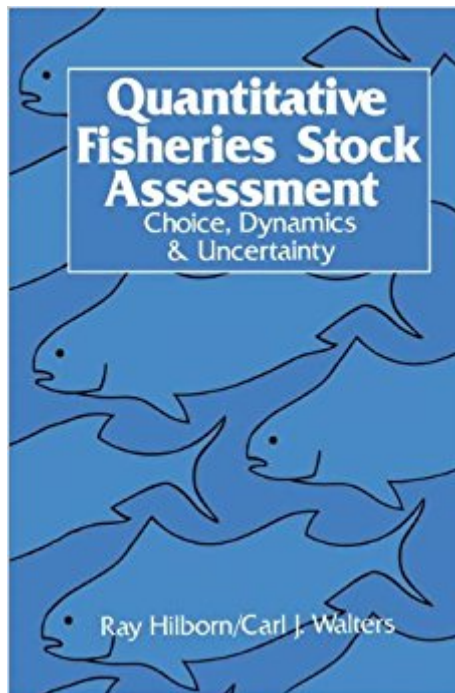




The book was found

Quantitative Fisheries Stock Assessment: Choice, Dynamics And Uncertainty



Synopsis

This book really began in 1980 with our first microcomputer, an Apple II +. The great value of the Apple II + was that we could take the computer programs we had been building on mainframe and mini-computers, and make them available to the many fisheries biologists who also had Apple II +'s. About 6 months after we got our first Apple, John Glaister came through Vancouver and saw what we were doing and realized that his agency (New South Wales State Fisheries) had the same equipment and could run the same programs. John organized a training course in Australia where we showed about 25 Australian fisheries biologists how to use microcomputers to do many standard fisheries analyses. In the process of organizing this and subsequent courses we developed a series of lecture notes. Over the last 10 years these notes have evolved into the chapters of this book.

Book Information

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Customer Reviews

"..useful in fishery science, population dynamics and fisheries management courses, especially at the undergraduate level...a valuable resource to scientists engaged in fish stock assessment and to fishery managers who wish to advance the state of their art." (Journal of Natural Resources Modeling)"...It is an excellent book and should be read by students and practitioners of stock assessment and management of fisheries...I enjoyed the book and commend it." (ICES Journal of Marine Science) "Risk and uncertainty have generally received short shrift in the fisheries literature. Hilborn and Waters take a big step toward overcoming this deficiency...I strongly recommend it to

serious students and teachers as well as to practicing managers of fisheries for guidance in making more effective marketing decisions." (Bioscience) "I will certainly recommend this as one book fisheries scientists must read." (NAGA, The ICLARM Quarterly)

This textbook is an essential component in the library of any quantitative fisheries graduate student or professional. It includes an advanced treatment of many fisheries stock assessment models and concepts as well as practical guidance on model fitting using real world examples. This book is more advanced than Jennings, Kaiser, and Reynolds (Marine Fisheries Ecology, which is an excellent text for the undergraduate level) yet presents material in a more intuitive and accessible fashion than Quinn and Deriso (Quantitative Fish Dynamics, a very advanced text which may appeal more to those who learn best from mathematical derivations and explanations). Although a revised edition would be nice, even at 25 years old, Hilborn and Walter's quantitative treatment of fisheries stock assessment is a valuable tool for understanding the mechanics and pitfalls of the foundation models and concepts that are used in the field today.

If you ask anyone who deals with fisheries management, they recommend this book. It's thorough, readable even by those of us who don't have advanced math degrees, and focuses on the practical consequences of guessing how many fish there really are in the sea. If you want to know what's behind the curtain when managers declare how many fish you can catch, this is the book to read.

Well, since this Mr. Hilborn has now been proven to be a PAID mouthpiece for the fishing industry, I guess his books are pretty much what one would call PROPAGANDA!!! Now you know.

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