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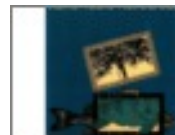
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Adaptive Management of Renewable Resources

+ Tools

Walters CJ (1986). *Adaptive Management of Renewable Resources*. Butterworth Publishers Ltd. ISBN 0-02-947970-3



Text

XB-86-702.pdf

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Abstract

The author challenges the traditional approach to dealing with the management of such renewable resources as fish and wildlife. A better understanding will come from the experience of management as an experimental process, rather than through basic research or theoretical theory.

The opening chapters review approaches to formulating management models for understanding how policy choices affect the attainment of objectives. Subsequent chapters present various statistical methods for understanding uncertainty in managed fish and wildlife populations and for seeking optimal management in the face of uncertainty. The book concludes with a look at the management of complex systems, emphasizing such human factors as risk aversion and conflicting objectives as well as biophysical processes. In the text dynamic models and Bayesian statistical theory are used to analyze the behavior of managed systems. These tools are illustrated with data from representative cases.

This text/reference will serve researchers, graduate students, and managers who formulate harvest policies and study the dynamics of harvest populations (modelers, statisticians, and stock assessment experts) who are concerned with the management of renewable resources.

of policy design.

Item Type:	Book
Research Programs:	Environment Program (ENV)
Bibliographic Reference:	Macmillan Publishers Ltd, Basingstok
Related URLs:	Publisher - http://www.macmillan.com
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