

Ecological Forest Management Handbook

Guy R. Larocque

Linking together basic concepts in ecological forest management with practical applications on national and global scales, this handbook provides a comprehensive summary of interrelated topics in the field, including management concepts, forest models, and ecological indicators. Featuring contributions from experts on the three main forest types—boreal, temperate, and tropical—it presents in-depth coverage of important issues. A useful scientific tool to anyone dealing with forest management and sustainability, it illustrates how ecological forest management is a complex process that requires broad ecological knowledge.

KEY FEATURES

- Links basic concepts in ecological forest management to practical applications on national and global scales
- Provides a comprehensive summary of interrelated topics in the field, including management concepts, forest models, and ecological indicators
- Details perspectives on the application of basic principles in ecological forest management
- Illustrates ecological forest management as a complex process that requires broad ecological knowledge

SELECTED CONTENTS & EDITORIAL REVIEW

FOREST MANAGEMENT CONCEPTS. Applying Knowledge of Natural Disturbance Regimes to Develop an Ecosystem Management Approach in Forestry. Triad Forest Management: Local Fix or Global Solution. Forest Wildlife Management. External Drivers of Changes Challenging Forestry: Political and Social Issues at Stake. Considerations of Ecosystem Services in Ecological Forest Management. **FOREST MODELS.** Growth and Yield Models for Predicting Tree and Stand Productivity. Forest Succession Models. Process-Based Models: A Synthesis of Models and Applications to Address Environmental and Management Issues.

"This is a comprehensive assessment of ecological forest management. The book presents a range of perspectives on the topic from a variety of respected and internationally-recognized authors. The range of topics covered, which includes carbon, wildlife, climate change, and modeling, is impressive and relevant to a wide audience. A great book for practitioners, researchers, and students interested in the topic. Highest compliments to the authors for their accomplishment."

—Aaron Weiskittel, University of Maine, Orono, USA

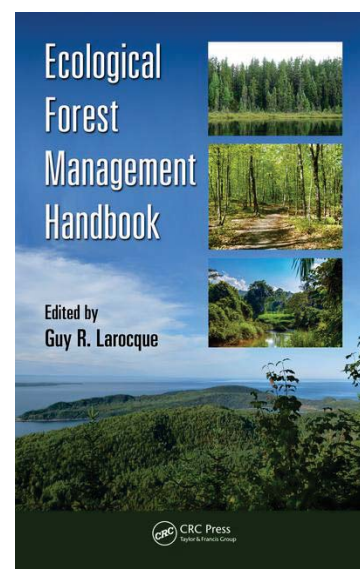
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