1. Record Nr. UNINA9910813951403321 Autore Waring Richard H **Titolo** Forest ecosystems: analysis at multiple scales // Richard H. Waring, Steven W. Running Pubbl/distr/stampa Amsterdam; ; Boston, : Elsevier/Academic Press, c2007 **ISBN** 1-281-30726-2 9786611307264 0-08-054608-0 Edizione [3rd ed.] Descrizione fisica 1 online resource (467 p.) Altri autori (Persone) RunningS. W Disciplina 577.3 Soggetti Forest ecology Forest management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references (p. 347-408) and index. Nota di contenuto Front cover; Forest Ecosystems: Analysis at Multiple Scales, Third Edition; Copyright page; Table of Contents; PREFACE TO THE THIRD EDITION; PREFACE TO THE SECOND EDITION; PREFACE TO THE FIRST EDITION; ACKNOWLEDGMENTS; CHAPTER 1: Forest Ecosystem Analysis at Multiple Time and Space Scales; I. INTRODUCTION; II. THE SCIENTIFIC DOMAIN OF FOREST ECOSYSTEM ANALYSIS: III. THE SPACE/TIME DOMAIN OF ECOSYSTEM ANALYSIS: IV. TIME AND SPACE SCALING FROM THE STAND/SEASONAL LEVEL; V. MANAGEMENT APPLICATIONS OF ECOSYSTEM ANALYSIS: VI. RELATED TEXTBOOKS: VII. WEB SITE FOR **UPDATED MATERIALS** SECTION I: Introduction to Analysis of Seasonal Cycles of Water, Carbon, and Minerals through Forest Stands CHAPTER 2: Water Cycle; I. INTRODUCTION: II. HEAT AND WATER VAPOR TRANSFER FROM VEGETATION; III. WATER FLOW THROUGH TREES; IV. WATER STORAGE

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## Sommario/riassunto

This revision maintains the position of Forest Ecosystems as the one source for the latest information on the advanced methods that have enhanced our understating of forest ecosystems. Further understanding is given to techniques to explore the changes in climatic cycles, the implications of wide-scale pollution, fire and other ecological disturbances that have a global effect. The inclusion of models, equations, graphs, and tabular examples provides readers with a full understanding of the methods and techniques.\* Includes a revised section on important advances in regional scale

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