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Autore	Waring Richard H
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PRODUCTION AND ALLOCATION

VII. COMPARISON OF FOREST ECOSYSTEM MODELS VIII. SUMMARY;
CHAPTER 4: Mineral Cycles; I. INTRODUCTION; II. PLANT PROCESSES
AFFECTING NUTRIENT CYCLING; III. SOURCES OF NUTRIENTS; IV. SOIL
AND LITTER PROCESSES; V. MASS BALANCE AND MODELS OF MINERAL
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CHAPTER 5: Temporal Changes in Forest Structure and Function; I.
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FOREST-ATMOSPHERE INTERACTIONS; IV. VERTICAL AND HORIZONTAL
CONNECTIONS: REGIONAL BIOGEOCHEMISTRY; V. SUMMARY; CHAPTER
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FORESTS IN THE GLOBAL CARBON CYCLE; V. FORESTS AND
BIODIVERSITY; VI. SUSTAINABILITY OF GLOBAL FORESTS; VII. SUMMARY;
CHAPTER 10: Advances in Eddy-Flux Analyses, Remote Sensing, and
Evidence of Climate Change; I. INTRODUCTION
II. EDDY-COVARIANCE FLUXES

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