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Descrizione fisica	1 online resource (XI, 419 p. 266 illus., 136 illus. in color.)
Collana	Managing forest ecosystems ; ; Volume 37
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	What is a Forest? -- Classification of Plant Communities -- Popular Myths -- Forest Anthromes: Domesticated Ecosystems -- Forest Assessment and Observation -- Forest Assessment -- Field Experiments -- Continuous Forest Observation -- Analysing Forest Ecosystems -- Forest Density -- Forest Heterogeneity and Structure -- Assessing Community Dissimilarity -- Analysing Harvest Events -- Reconstruction and Simulation -- The Shape and Growth of Forest Trees -- The Shape of Forest Trees -- Individual Tree Growth Models -- Selecting Trees for Harvest -- Forest Production -- Site Models -- Estimating Forest Production -- Compatible Models of Growth and Production -- Modeling Harvest Events -- Designing Forest Ecosystems -- Risks and Preferences -- Sustaining Planted Forests -- Sustaining Continuous Cover Forests -- Sustaining Green Landscapes -- Literature -- Index.
Sommario/riassunto	Humans are able to identify the causes and disastrous consequences of neglect and exploitation of the forest ecosystems of the earth. Sustaining the world's ecosystems, for our own benefit and for the survival of life on earth, requires a scientific approach based on evidence about forest diversity, structure and dynamics, and appropriate methods of ecological management. .