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	Descrizione fisica	1 online resource (274 p.)
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	Nota di contenuto	Improving Natural Resource Management: Ecological and Political Models; CONTENTS; Preface; List of Figures; List of Tables; Nomenclature; Part I: MANAGING A POLITICAL-ECOLOGICAL SYSTEM; 1 Introduction; 1.1 The problem to be addressed; 1.2 The book's running example: East African cheetah; 1.2.1 Background; 1.3 The EMT simulator; 1.3.1 Characteristics of an ideal simulator; 1.4 How to use the EMT to manage an ecosystem; 1.4.1 Ecosystem state goals; 1.4.2 No valuation of ecosystem services; 1.5 Chapter topics and order; 1.6 The book's accompanying web resources 2 Simulator architecture, operation, and example output2.1 Introduction; 2.2 Theory for agent-based simulation; 2.2.1 Other agent-based social system simulators; 2.3 Action messages and IntIDs model operation; 2.3.1 Input-output nomenclature; 2.3.2 ID basics; 2.3.3 Example of a group ID simulating an ecosystem management

| Sommario/riassunto | The decision to implement environmental protection options is a political one. These, and other political and social decisions affect the balance of the ecosystem and how the point of equilibrium desired is to be reached. This book develops a stochastic, temporal model of how political processes influence and are influenced by ecosystem processes and looks at how to find the most politically feasible plan for managing an at-risk ecosystem. Finding such a plan is accomplished by first fitting a mechanistic political and ecological model to a data set composed of observations on both political a |