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Nota di contenuto	Public Policies, Law, Complexities and Networks -- Part I Complexity Faced by Jurists -- Codification, Between Legal Complexity and Computer Science Agility -- Organizational Consciousness Versus Artificial Consciousness -- The Entity-Process Framework for Integrated Agent-Based Modeling of Social-Ecological Systems -- Part II Complexity in Action and Policy Analysis -- An Interdisciplinary Study of Leptospirosis Surveillance Systems in Three Regencies of East Java, Indonesia -- Complexity of Scenarios of Future Health: Integrating Policies and Laws -- Architectural Pattern for Health Forecasting, Surveillance and Early Warning Systems -- Water Management and Development: The Limits of Coordination -- Formal Analysis of the Conflictive Play of Actors Regarding the Building of a Dam -- Part III Complexity and Networks -- Exploiting the Web of Law -- Environmental and Trade Regimes: Comparison of Hypergraphs Modeling the Ratifications of UN Multilateral Treaties -- How to

Compare Bundles of National Environmental and Development Indexes?
-- Network Theory and Legal Information "for" Reality: A Triple Support for Deliberation, Decision Making, and Legal Expertise.

Sommario/riassunto

This book investigates how various scientific communities – e.g. legal scientists, political scientists, sociologists, mathematicians, and computer scientists – study law and public policies, which are portrayed here as complex systems. Today, research on law and public policies is rapidly developing at the international level, relying heavily on modeling that employs innovative methods for concrete implementation. Among the subject matter discussed, law as a network of evolving and interactive norms is now a prominent sphere of study. Similarly, public policies are now a topic in their own right, as policy can no longer be examined as a linear process; rather, its study should reflect the complexity of the networks of actors, norms and resources involved, as well as the uncertainty or weak predictability of their direct or indirect impacts. The book is divided into three main parts: complexity faced by jurists, complexity in action and public policies, and complexity and networks. The main themes examined concern codification, governance, climate change, normative networks, health, water management, use-related conflicts, legal regime conflicts, and the use of indicators.
