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Autore	Rusco F. W (Frank W.)
Titolo	Department of Energy [[electronic resource] ] : Advanced Research Projects Agency-Energy could improve its collection of information from applications : testimony before the Subcommittee on Investigations and Oversight, Committee on Science, Space, and Technology, House of Representatives // statement of Frank Rusco
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Soggetti	Power resources - Research - United States - Finance
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Livello bibliografico	Monografia
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2. Record Nr.	UNINA9911018951003321
Autore	Cossart Etienne
Titolo	Territorial Analysis of Environments
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Descrizione fisica	1 online resource (252 pages)
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Altri autori (Persone)	Riviere-HoneggerAnne
Soggetti	Environmental sciences Human geography
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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Introduction -- Part 1. Interactions and Flows: The Integration of Time -- Chapter 1. Environmental Issues at the Territorial Level -- 1.1. Introduction -- 1.2. Consideration of local context effects in environmental changes -- 1.2.1. Principles of downscaling -- 1.2.2. Statistical method to detect local particularities -- 1.2.3. Enriching regional or even global models at the local level -- 1.3. Environmental changes in territorial units -- 1.3.1. MAUP: Modifiable Area Unit Problem -- 1.3.2. Integrating environmental data into territorial grids -- 1.4. Conclusion -- 1.5. References -- Chapter 2. Temporalities of Environmental Changes -- 2.1. Introduction -- 2.2. Causalities leading to the emergence of temporal signals -- 2.2.1. Causalities and feedback -- 2.2.2. Emergence and self-organization -- 2.3. Modeling and deciphering temporal signals -- 2.3.1. Qualitative modeling of temporal signals -- 2.3.2. Stock-and-flow modeling -- 2.3.3. Cellular automata -- 2.4. Conclusion -- 2.5. References -- Chapter 3. Simulating Future Environmental Changes

Sommario/riassunto

This book, 'Territorial Analysis of Environments,' explores the intricate relationships between geography, environment, and human dynamics. It delves into topics such as physical geography and the construction of environments and landscapes, focusing on regional and local environmental changes. The text emphasizes the integration of time in understanding environmental issues and the use of statistical methods for detecting local environmental changes. It discusses modeling techniques and anticipates future environmental changes and their impacts. Additionally, it examines human mobility, economic and social geography, and the societal impacts of environmental and climate change. The book is intended for researchers, academics, and policymakers interested in environmental science, geography, and demography, offering insights into stakeholder dynamics and interactions concerning environmental issues.

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