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Thermoeconomics - Wikipedia

The description of an ecosystem by a model reflects the constraints of the thermodynamic laws on the ecosystem. The concept of an ecosystem, widely used in ecology, makes it possible to distinguish the system and the environment in a thermodynamic sense.

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The book presents a consistent and complete ecosystem theory based on thermodynamic concepts. The first chapters are devoted to an interpretation of the first and second law of thermodynamics in ecosystem context. Then Prigogine's use of far from equilibrium thermodynamic is used on ecosystems to explain their reactions to perturbations.

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