



Valeria Costantini, Massimiliano Mazzanti (Eds.)

The Dynamics of Environmental and Economic Systems

Innovation, Environmental Policy and Competitiveness

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- **Multi-perspective analyses of dynamic economic-environmental issues**
- **Suggestions for policy makers, managers and research scholars**
- **A vital addition to postgraduate and PhD students reading lists**

Exploiting econometric techniques aimed at dealing with the dynamics of economic systems and the heterogeneity of agents performances, the volume integrates innovation-based reasoning with ex-post analyses, and presents ex-ante analyses able to evaluate the role of climate change policies by using computable general equilibrium models such as the Global Trade Analysis Project for Energy (GTAP-E). The authors merge and use a range of datasets, including OECD-PATSTAT and STAN, to test novel techniques informed by evolutionary economic theories and the Porter hypothesis. The immediate relevance and applicability of the models will strengthen the hand of policy analysts for whom the dynamic efficiency of environmental policy is a new, high-profile evaluation criterion.

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