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Autore	Clift Roland
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Disciplina	338.927
Soggetti	Sustainable development Waste management Environmental economics Industrial organization Engineering economics Engineering economy Environmental management Sustainable Development Waste Management/Waste Technology Environmental Economics Industrial Organization Engineering Economics, Organization, Logistics, Marketing Environmental Management
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di contenuto	Introduction -- General reflections -- The Price of Everything and the Value of Nothing: sustainability 'after the crisis' -- Impacts of global trade flows -- Stocks and flows in the performance economy -- The Embeddedness of carbon in UK Lifestyles -- Ethics of Industrial Ecology -- Complexity and prediction -- Urban metabolism -- Industrial Symbiosis -- Industrial Ecology and the Solidarity Economy -- Industrial Ecology in Developing Countries -- Material Flow Analysis and Waste Management -- Social sciences in Industrial Ecology -- Life

Cycle Sustainability Assessment -- Prospective Models of Society's Future Metabolism -- Planetary boundaries and sustainable business -- Working with policymakers -- Portugal's national waste plan -- The Industrial Ecology of the automobile.

Sommario/riassunto

How can we design more sustainable industrial and urban systems that reduce environmental impacts while supporting a high quality of life for everyone? What progress has been made towards reducing resource use and waste, and what are the prospects for more resilient material-efficient economies? What are the environmental and social impacts of global supply chains, and how can they be measured and improved? Such questions are at the heart of the emerging discipline of industrial ecology, covered in *Taking Stock of Industrial Ecology*. Leading authors, researchers and practitioners review how far industrial ecology has developed and current issues and concerns, with illustrations of what the industrial ecology paradigm has achieved in public policy, corporate strategy and industrial practice. It provides an introduction for students coming to industrial ecology and for professionals who wish to understand what industrial ecology can offer, a reference for researchers and practitioners, and a source of case studies for teachers.
