



SUSTAINABLE PRODUCTION AND CONSUMPTION

Publication of the Institution of Chemical Engineers

AUTHOR INFORMATION PACK

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DESCRIPTION

Sustainable production and consumption can be defined as production and use of products and services in a manner that is socially beneficial, economically viable and environmentally benign over their whole life cycle. The journal aims to provide a leading platform for publishing high-quality interdisciplinary papers on research and practice in this emerging field. It looks uniquely at the interactions between technology, consumption and policy to help identify more-sustainable solutions for both production and consumption systems.

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- Corporate social responsibility
- Eco-efficiency
- Ecosystem services
- Ethical investment and consumption
- Green/sustainable chemistry
- Industrial ecology
- Intra/Intergenerational equity
- Life cycle management
- Life cycle thinking
- Life cycle sustainability assessment
- Producer responsibility
- Rebound effect
- Supply chain management
- Sustainable design
- Sustainable lifestyles

- Sustainable policies
- Sustainable procurement
- Sustainable products and services

Tools

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- Analysis of consumer preferences and attitudes
- Economic instruments
- Integrated product policies
- Internalisation of environmental and social costs
- Life cycle assessment
- Life cycle costing
- Material flow analysis
- Multi-criteria decision analysis
- Scenario analysis
- Social life cycle assessment
- Stakeholder analysis
- Sustainability indicators
- System optimisation

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- Chemicals
- Construction and buildings
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- Food
- Health
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