SUSTAINABLE PRODUCTION AND CONSUMPTION
Publication of the Institution of Chemical Engineers

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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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- Life cycle management
- Life cycle thinking
- Life cycle sustainability assessment
- Producer responsibility
- Rebound effect
- Supply chain management
- Sustainable business models
• Sustainable design
• Sustainable lifestyles
• Sustainable policies
• Sustainable procurement
• Sustainable products and services

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• 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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