



SUSTAINABLE PRODUCTION AND CONSUMPTION

Publication of the [Institution of Chemical Engineers](#)

AUTHOR INFORMATION PACK

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DESCRIPTION

2018 CiteScore 4.19 and **top quartile journal** in **four Scopus categories** (*Industrial and Manufacturing Engineering, Environmental Engineering, Environmental Chemistry, and Renewable Energy, Sustainability and the Environment*) see [Scopus](#) for details.

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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- Clean technology/cleaner production
- Climate change mitigation
- Consumer engagement and communication
- 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 business models
- Sustainable design
- Sustainable lifestyles
- Sustainable policies
- Sustainable procurement
- Sustainable products and services

Tools

- Carbon and water footprinting
- 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

Sectors

- Chemicals
- Construction and buildings
- Energy
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