DESCRIPTION

The Journal of Cleaner Production is an international, transdisciplinary journal focusing on Cleaner Production, Environmental, and Sustainability research and practice. Through our published articles, we aim at helping societies become more sustainable.

'Cleaner Production' is a concept that aims at preventing the production of waste, while increasing efficiencies in the uses of energy, water, resources, and human capital.

The Journal of Cleaner Production serves as a platform for addressing and discussing theoretical and practical cleaner production, encompassing environmental, and sustainability issues in corporations, governments, education institutions, regions, and societies.

Subject areas include, but are not limited to: Cleaner production and technical processes Sustainable Development and Sustainability Sustainable Consumption Environmental and sustainability assessment Sustainable Products and Services Corporate sustainability and Corporate Social Responsibility Education for Sustainable Development Governance, legislation, and policy for sustainability

For a full list of topics, please have a look here.

AUDIENCE

a. Managers, engineers, designers in all the process and service industries; b. Academic and research scientists specializing in cleaner production, regional sustainability, and education for sustainable development;c. Consultants, regulatory leaders, policy makers, planners and NGOs.

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Process design, Process optimization, Energy efficiency, Mathematical modeling, Automatic control, Sustainable process design, Energy conversion systems, Renewable energy systems, Emission reduction, Energy and water integration

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Renewable energies; Waste to energy; Biomass and biofuels; Climate change and public health; Greenhouse gas mitigation; Sustainability assessment of renewable energy systems; Life cycle assessment; Biorefineries for cleaner/sustainable production of bioenergies and biomaterials; Waste valorization; Circular bioeconomy; Low/zero carbon economy; Low-carbon transport systems; Combustion; Fuel nano/additives

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Optimization; Batch processes; Water minimization; Energy optimization; Scheduling, Synthesis and Design of batch plants

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Process Integration including process modelling, optimisation and design; industrial energy efficiency, waste heat recovery, waste-to-energy; macro energy systems modelling, Footprint assessment and sustainability

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Energy Economics and Policy; CO2 Emission and Climate Change; Sustainable Production and Consumption; Big Data and Behavior

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