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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environmental policy, environmental risk management, environmental health, environmental governance, environmental behavior, low carbon development, air pollution, watershed management, enterprise environmental management, EHS (environment, health & safety)
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Coastal Zone Management; Marine protected areas; Coastal issues (i.e. beaches, dredging, natural disasters, hazards management, pollution, etc.)

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Change management for sustainability; environmental training and awareness; human aspects of cleaner production; green human resource management; sustainable human resource management; corporate social responsibility; corporate environmental management.

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Baoshan Huang, The University of Tennessee System, Knoxville, Tennessee, United States
Sustainable Geo/Transportation Infrastructure – Multi-Scale Characterization and Modeling of Infrastructure Materials; Innovative Technologies Supporting Sustainable and Environmentally Friendly Subsurface Infrastructure Systems

Mingzhou Jin, The University of Tennessee Knoxville, Knoxville, Tennessee, United States
Advanced and Sustainable Manufacturing; Green Supply Chain; Sustainable Operations; Energy Efficiency; Optimization; Remanufacturing; Environmental Policy; Life Cycle Assessment

Jin-Kuk Kim, Hanyang University College of Engineering Department of Chemical Engineering, Seongdong-gu, Korea, Republic of
Environmental process modeling and simulation; Process systems engineering; Energy system analysis; Techno-economic analysis; Process optimization; CO2 capture and utilization; Water minimization; Natural gas processing; Industrial energy saving; Waste heat recovery

Chew Tin Lee, University of Technology Malaysia, Skudai, Malaysia
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Zhen Leng, The Hong Kong Polytechnic University, Hong Kong, China
Sustainable infrastructure, Environment-friendly construction materials, Clean infrastructure construction technologies, Green pavement material and technologies, Life cycle assessment Eco-efficiency analysis, Value-added waste recycling, Nondestructive evaluation of transportation infrastructure

Weidong Li, Wuhan University of Technology, Wuhan, China
Sustainable manufacturing, cleaner production, eco-design, remanufacturing, reverse logistics, LCA for manufacturing processes, circular economy, intelligent manufacturing, Industry 4.0, education for sustainable manufacturing

Mattias Lindahl, Linköping University, Linköping, Sweden
Ecodesign (Environmentally Conscious Design, Design for Environment (DfE)); Sustainable Business Models; Circular Economy; Sustainable Consumption; Product Development; Engineering Design Methods; Product–Service Systems (PSS); Integrated Product and Service Engineering (IPSE); Service Engineering

Yang Liu, Linköping University Department of Management and Engineering, Linköping, Sweden
Sustainable manufacturing; Smart manufacturing; Smart enabling technologies; Digitalization; Data driven modelling; Industrial engineering; Sustainable operations management; Optimization for sustainable operations; Sustainable product lifecycle management; Smart product-service systems

Jing Meng, University of Cambridge, Cambridge, United Kingdom
Air pollution modeling; Low carbon manufacturing; Energy policy; Climate policy; Carbon footprint; Input output analysis; Learning curve

Hrvoje Mikulčić, University of Zagreb Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia
Energy intensive industry; Energy system analysis; Renewable energy; Computational fluid dynamics; Multiphase flows; Combustion; Solid fuels; Biomass; Waste-to-Energy, Carbon capture and utilization; Pollution reduction; Green ammonia

Bing-Jie Ni, University of Technology Sydney School of Civil and Environmental Engineering, Broadway, New South Wales, Australia

Sandro Nižetić, University of Split, Split, Croatia

Clean Energy & Sustainable Engineering; Energy Efficiency; Mechanical Engineering; Thermodynamics & Fluid Mechanics; Energy and Exergy Analysis; Renewable Energy; Heating and Cooling; Energy Economics; Energy Savings; Energy use and integration

Pawel Ocloń, Tadeusz Kosciuszko Cracow University of Technology, Krakow, Poland

Gul Okudan-Kremer, Iowa State University, Department of Industrial and Manufacturing Systems Engineering, Ames, Iowa, United States

Tomás Ramos, New University of Lisbon Department of Engineering and Environmental Sciences, Caparica, Portugal

Sustainability Assessment and Indicators, Sustainability Reporting, Strategic Environmental Assessment and Planning, Environmental Impact Assessment, Stakeholder Engagement, Organisational Sustainability, Environmental Management, Green Jobs

Panos Seferlis, Aristotle University of Thessaloniki, Thessaloniki, Greece

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

Lei Shi, Tsinghua University, Beijing, China

Industrial ecology, industrial complexity, complex network, complex systems, industrial ecosystem, industrial symbiosis, industrial metabolism, eco-innovation, circular economy, process systems engineering, cleaner production in developing countries

Meisam Tabatabaei, Mara University of Technology Faculty of Plantation and Agrotechnology, Jasin, Malaysia

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

Xin Tong, Peking University, Beijing, China

Extended Producer Responsibility; Sustainable consumption and production; Industrial ecology; Sustainable behaviour studies; Green supply chain; Spatial analysis; Global production network; Rural-urban transition; Technological transition; Urban and regional planning

Sharifah Rafidah Wan Alwi, University of Technology Malaysia Process Systems Engineering Centre, Johor Bahru., Malaysia

process systems engineering, water, energy, Pinch Technology, Optimisation, Industrial applications

Jin Yang, China University of Geosciences School of Economics and Management, Beijing, China

Environmental economics; Ecological accounting; Industrial symbiosis; Renewable energy system modelling; Input-output assessment; Life cycle assessment

Zuotai Zhang, Southern University of Science and Technology, Shenzhen, China

Solid wastes; Waste degradation; Waste recovery and recycling; Industrial ecology; Eco-construction materials; Life cycle assessment; Waste to energy

Jian Zuo, The University of Adelaide, Adelaide, South Australia, Australia

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Life Cycle Assessment; Renewable energy in agriculture; Agricultural systems
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Yanpeng Cai, Guangdong University of Technology - University Town Campus, Guangzhou, China
Ecosystems management; Ecological restoration; Wetland system; Watershed; Climate change adaptation planning
Michel Constantino
Eco-efficiency; Econometrics; Cleaner production; Circular economy; Climate change policy; Waste management; Environmental behavior; Energy policy; Sustainable consumption; Mathematical and statistical models
Stephen DeVito, US Environmental Protection Agency, Washington, District of Columbia, United States
Pollution prevention; green chemistry; pollutant release and transfer registers; PRTRs; sustainable development
Xiangzheng Deng, Institute of Geographic Sciences and Natural Resources Research Chinese Academy of Sciences, Beijing, China
Environmental and Natural Resource Economics; Land Change Science; Agricultural Policy and Sustainable Development; Water Management and Water Footprint; Ecosystem Services and Functions; Urbanization and Global Environment Change; Energy Economics and climate Policy; Sustainability-based Decision Making
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sustainability, life cycle assessment (LCA), life cycle sustainability assessment (LSCA), process optimization, energy modelling, bioenergy, biofuels, electricity, hydrogen, energy systems
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Kai Fang, Zhejiang University, Hangzhou, China
Environmental Footprint Analysis; Carbon Emission Accounting and Allocation; Environmental Sustainability Assessment; Industrial Ecology; Ecological Economics; Input–Output Analysis; Climate Change; Planetary Boundaries
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Resource efficiency; Cleaner production; Cleaner technology; Energy efficiency; Environmental management; Energy management; Environmental sound technology; Chemical engineering; Process control; Sectors (metal processing, plastic processing, agroindustries, food, chemicals, wood processing, tourism); Product development; Eco innovation; Circular economy
Xavier Gabarrell Durany, Autonomous University of Barcelona, Barcelona, Spain
industrial ecology, ecodesign, circular economy, LCA, MFA, waste management, water management, energy-water-food nexus, regions and urban sustainable transformation

**Shabbir Gheewala**, King Mongkut's University of Technology Thonburi, Bangkok, Thailand
Life cycle assessment, sustainability assessment of energy systems, sustainability indicators, carbon footprint, water footprint, certification issues in biofuels and agro-industry

**Stefan Gold**, University of Nottingham, Nottingham, United Kingdom

**Reinout Heijungs**, VU Amsterdam, Amsterdam, Netherlands

**Gavin Hilson**, University of Surrey Faculty of Business Economics and Law, Guildford, United Kingdom

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**Ramesh Subramoniam**, University of Texas at Austin Department of Information Risk and Operations Management, Austin, Texas, United States

**Mingxing Sun**, Institute of Geographic Sciences and Natural Resources Research Chinese Academy of Sciences, Beijing, China
Life cycle assessment (LCA); Material flow analysis (MFA); Cleaner production; Circular economy; Environmental policy; Extended producer responsibility (EPR); Bio-industry; Pulp and paper; Eco-efficiency; Waste management.

**Susan Thorneloe**, US Environmental Protection Agency Office of Research and Development, Research Triangle Park, North Carolina, United States

LCS, WM planning

**Andrea Trianni**, University of Technology Sydney - City Campus, Ultimo, New South Wales, Australia

Industrial energy efficiency; Industrial energy management; Resource efficiency; Sustainable production; Sustainable products and services; Sustainable operations management; Closed loop supply chain; Green supply chain management

**Petar S. Varbanov**, Brno University of Technology, Brno, Czech Republic

**Timothy Walmsley**, Brno University of Technology, Brno, Czech Republic

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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**Yang Feng Zhang**, Northwestern Polytechnical University, Xian, China

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**Cassandra Bong Phun Chien**, University of Technology Malaysia, Skudai, Malaysia

Organic waste management; Anaerobic digestion; Composting; Modelling & Kinetics; GHG; Biomass & Biorefinery; Low carbon; Environmental management; Wastewater; Solid waste

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**Chin Kui Cheng**, University Malaysia Pahang Faculty of Chemical and Natural Resources Engineering, Kuantan, Malaysia

Renewable energy; Wastewater treatment; Sustainable development; Clean energy; Carbon footprint; Water footprint; Biofuel; Waste-to-wealth; Biofuel; Green chemistry, Biomass, Waste valorisation

**Lai Fatt Chuah**, Marine Department Northern Region, Gelugor, Malaysia

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Solid waste treatment and management; Composting; Waste to energy; Emissions assessment and mitigation; Transportation Mode Choice; Life Cycle Assessment; Footprint and sustainability assessment; Biomass

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Water footprint; Water-energy-food nexus; GHG/carbon emissions; Economics and environmental management

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Algal biotechnology; Wastewater treatment; Biomass; Agro waste water; Industrial wastewater treatment; Biofuels; Energy; Environmental Biotechnology; Compost; Self-Healing Concrete

**Jeng Shiun Lim**, University of Technology Malaysia School of Chemical and Energy Engineering, Johor Bahru, Malaysia

Process systems engineering for resource conservation; Renewable energy; Carbon planning
Stephen Northey, Monash University, Clayton, Victoria, Australia
Life Cycle Assessment, Mineral Resources, Mining, Mineral Processing, Metal Production, Water Footprint, Resource Depletion, Material Flow Analysis

Paula Pérez-López, Engineering College Paris - Observation, Impact, Energy (OIE) Center, Sophia Antipolis, France

Yuanbo Qiao, Shandong University Institute for Studies in County Development, Qingdao, China
Sustainable development; Environmental economics; Eco-innovation; Environmental management; Environmental policy; Econometrics; Efficiency assessment; Land economics; Defense economics; Merger and acquisition

Yuli Shan, University of Groningen, Groningen, Netherlands
Sustainable Development, Climate Change Economics, Greenhouse Gas

Wendong Wei, University of Shanghai for Science and Technology Business School, Shanghai, China
Input-output analysis; Climate policy; Environmental economics; Energy economics; Low carbon infrastructure

Minghui Xie, Chinese Research Academy of Environmental Sciences, MEP Key Laboratory of Eco-Industry, Beijing, China

Qian Zhang, University of Victoria, Victoria, British Columbia, Canada
Air pollution, Circular economy, Consumption-based accounting, Greenhouse gas (GHG) emissions, Socio-economic metabolism, Input-output analysis, Material flow analysis, life cycle assessment, Sustainable development goals (SDGs), Environmental, Social, and Governance (ESG).
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