



SCIFINITI
PUBLISHING



Sustainable Processes Connect

ISSN: 3079-1421

Vol. 2, 2026



Open Access Peer-Reviewed Journal Specialized in
Sustainable Processes and Development

Editor-in-Chief

Ashraf Aly Hassan, PhD

www.scifiniti.com

Sustainable Processes Connect

A Journal Specialized in Sustainable Processes and Development

Volume: 2, 2026

Subject Categories

Green & Sustainable Science

Target Audience

The journal provides an international forum for researchers, policymakers, decision-makers, consultants, and planners to drive actionable insights and practical advancements in sustainable development.



Ashraf Aly Hassan

Editor-in-Chief

College of Engineering
UAE University
UAE

Message from EiC

I am honored to serve as Editor-in-Chief of Sustainable Processes Connect. I look forward to supporting high-quality research that advances sustainable technologies, resource recovery, environmental protection, and innovative solutions for global water, energy, and environmental challenges.

Aims and Scope

Sustainable Processes Connect is a peer-reviewed, Gold Open Access journal dedicated to the design, modeling, optimization, and scale-up of processes that make the production and use of chemicals, materials, energy, and water more sustainable. The journal publishes original research, and a limited number of reviews and perspectives, that advance sustainable processes from laboratory innovation toward real-world and commercial application.

The defining requirement for all submissions is a clear process-engineering component — a defined process that is designed, modeled, optimized, assessed, or scaled up. Purely descriptive, survey-based, or policy-only studies without a process basis fall outside the journal's scope and will be redirected or declined.

Key Topics

The journal welcomes contributions across seven sections:

1. Green Chemistry, Catalysis & Sustainable Synthesis — green solvents, homogeneous and heterogeneous catalysis, photo/electro/thermocatalysis, CO₂ conversion, and green synthesis of nanomaterials.
2. Bioprocess Engineering & Biorefineries — fermentation, enzyme technology, microbial processes, bioreactor design, biofuels and bioproducts, and waste biorefineries.
3. Water, Wastewater & Environmental Remediation — biological and physico-chemical treatment, resource recovery from wastewater, bioremediation, desalination and biodesalination, and soil and site remediation.
4. Sustainable Energy Conversion & Storage — renewable energy systems, hydrogen production, bioenergy, electrochemical storage, and energy-process integration.
5. Waste Valorization, Circular Economy & Sustainable Materials — solid waste management, recycling and upcycling, valorization of agro-industrial residues, and green, bio-based, and composite materials.
6. Process Systems, Scale-Up & Sustainability Assessment — process intensification, lab-to-market scale-up, life cycle assessment, techno-economic analysis, and AI and digital tools for process optimization, including policy work directly tied to process technology.
7. Emerging & Cross-Cutting Sustainable Process Technologies — sustainable process applications not covered above but with a clear process-engineering basis, including carbon capture and utilization at process scale, sustainable manufacturing and industrial electrification, food and agro-process engineering, emission and air-quality control processes, and interdisciplinary innovations spanning two or more sections.

The journal serves an international community of researchers, engineers, and practitioners working to translate sustainable process innovation into practical impact.

Indexation and Membership



Member
Organization



scifiniti.com/journals/sustainable-processes-connect



MBZ City, Abu Dhabi, UAE



+971 2 619 3031



sustainableprocesses@scifiniti.com