

Special Issue

Sustainable Utilization of Resources for Environmental Enhancement

Message from the Guest Editors

This Special Issue emphasizes the need to advance sustainable resource utilization as a cornerstone for environmental resilience and societal well-being. We seek contributions that prioritize the development of robust sustainability metrics that evaluate environmental, social, and economic impacts across entire life cycles, ensuring alignment with the United Nations Sustainable Development Goals (SDGs), particularly those related to clean energy, responsible consumption, climate action, and ecosystem preservation. Authors are encouraged to explore interdisciplinary approaches that bridge gaps between policy, industry, and community engagement, fostering systemic shifts toward low-carbon economies and equitable resource distribution.

We welcome innovative research addressing challenges such as waste valorization, renewable energy integration, water–energy–food nexus optimization, and biodiversity conservation. Case studies should highlight scalable solutions, such as green infrastructure in urban planning, agroecological practices in agriculture, or AI-driven resource efficiency in manufacturing.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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