

Special Issue

Toward Carbon Neutrality: The Low Carbon Transition Pathways

Message from the Guest Editors

In response to the urgent climate crisis, achieving carbon neutrality has become a global imperative. This transition requires transformative changes across energy systems, industrial structures, and societal behaviors, underpinned by innovative technologies and robust policy frameworks. This Special Issue invites researchers, practitioners, and policymakers to contribute cutting-edge studies that explore low-carbon transition pathways, addressing both theoretical and practical challenges. We seek submissions that analyze the multidimensional impacts of decarbonization strategies, including their technological feasibility, economic costs, renewable energy, social equity, and environmental co-benefits. By synthesizing diverse perspectives, this Special Issue aims to advance the knowledge base for designing actionable and just transition pathways toward carbon neutrality. We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

31 August 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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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

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