

Special Issue

Sustainable Energy and Climate: Net Zero Strategies and Rapid Decarbonisation Pathways

Message from the Guest Editors

This Special Issue aims to advance sustainable energy efficiency schemes with a focus on the Net Zero Energy implementation in the design of future buildings, cities, and retrofitting of existing buildings. This call seeks to address climate change while assessing the overheating risk of buildings to optimise occupants' thermal comfort through evidence-based energy policy design worldwide. This Special Issue will present the importance of a human-based approach, involving features such as occupants' behaviours on energy use to fill a research gap in energy simulation studies. We seek to publish representative pilot case study examples, methodologies, and innovative design approaches spanning a broad range of topics to promote generalisability of findings. Invited contributions are not limited to studies on climate-responsive design, but also consider net zero energy design, policy making decisions, and planning strategies. This Special Issue will be of great interest to scholars of energy policy, energy efficiency, renewable energy systems, and planning.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2026)



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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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