

## Special Issue

# Energy Transition for Sustainability: Building a Renewable, Low-Carbon Future

### Message from the Guest Editors

The Special Issue unites academic and technical-scientific contributions that concentrate on the critical evaluation of socioeconomic pathways, technological innovations, and regulatory frameworks deemed essential to facilitate the worldwide restructuring of energy systems. The objective is to promote a decarbonised, environmentally sustainable, and socially just energy matrix, in alignment with the Sustainable Development Goals (SDGs), particularly SDG 7 (Affordable and Clean Energy), SDG 13 (Climate Action) and SDG 9 (Industry, Innovation and Infrastructure). This issue invites interdisciplinary research that addresses the social, economic, technological, and environmental dimensions of the energy transition. Key topics include end-use electrification, energy justice, equity and energy poverty, and the role of governance and digital technologies in enabling more resilient energy systems. The present Special Issue is devoted to fostering dialogue among the disciplines of science, technology, and public policy. It is hoped that this will contribute to the knowledge base needed to shape a sustainable, resilient, and low-carbon energy future that is aligned with global climate goals.

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### Guest Editors

Prof. Dr. Neilton Silva

Prof. Dr. Sylvia Meimaridou Rola

Dr. Leandro Andrei Beser de Deus

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### Deadline for manuscript submissions

2 March 2026



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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. *Sustainability* publishes original research articles, review 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.

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### Editor-in-Chief

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