# **Special Issue**

# From Fossil Fuels to Clean Energy: Mapping the Transition, Innovations and Hurdles

## Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Technological Innovations in Renewable Energy: Advancements in solar, wind, hydro, and bioenergy technologies.
- Policy Frameworks for Clean Energy Transition: Examining national and international policies promoting renewable energy adoption.
- Energy Storage Solutions: Innovations and challenges in battery technologies and grid integration.
- Socio-economic Impacts: Assessing the effects of energy transition on local communities and economies.
- Barriers and Solutions: Identifying infrastructural, economic, and social barriers to clean energy adoption and possible solutions.
- Best Practices in Energy Transition: Case studies of successful transitions in various regions and sectors.
- Clean Technology for Emerging Economies: Exploring the role of clean energy in developing nations and emerging markets.
- Climate Resilience: Strategies for building resilient energy systems that can withstand climate impacts.

We look forward to receiving your contributions.

### **Guest Editors**

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### Deadline for manuscript submissions

closed (31 July 2025)



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## Editor-in-Chief

#### Prof. Dr. Marc A. Rosen

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