

## Special Issue

# Energy Transition Amidst Climate Change and Sustainability

### Message from the Guest Editors

Dear Colleagues: Energy transition refers to the global shift from traditional fossil fuel-based energy systems (such as coal, oil, and natural gas) to renewable and sustainable energy sources (such as solar, wind, hydro, geothermal, and biomass). This transition is essential for reducing greenhouse gas emissions, mitigating climate change, and ensuring a sustainable energy future. As the impacts of global warming become increasingly severe, the urgency for an energy transition is growing. In addition to mitigating and adapting to address the severe impacts of global warming, the issue of sustainability is also becoming increasingly crucial. Additionally, the transition to sustainable development amidst climate change is essential for achieving carbon neutrality and reducing the impacts of climate change by decarbonizing the energy sector. This Special Issue seeks to solicit studies related to energy transition concerning mitigation and adaptation strategies for global warming. By exploring the technical, environmental, economic, social, and policy dimensions of this transition, stakeholders can develop comprehensive strategies to achieve global sustainability goals.

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### Guest Editors

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Dr. Arifa Jannat

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### Deadline for manuscript submissions

31 October 2025



## Sustainability

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### Editor-in-Chief

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