



Challenges and Innovations in Low-Carbon Energy

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Deadline for manuscript
submissions:

closed (15 January 2022)

Message from the Guest Editors

The scope of this Special Issue includes but is not limited to the following issues:

1. The implications of carbon neutrality on the economy, on regions, industries, international trade, and on the development of low-carbon technology, and the co-benefits/trade-offs of low-carbon energy transition in economic development, resource utilization, ecological environment, and social welfare;
2. The challenges, mechanisms, and innovative measures to accelerate low-carbon energy transition in regions, cities, and key industrial sectors/supply chains/enterprises, such as power, coal, steel, cement, chemical industry, etc.;
3. Major technological innovation in the supply chain of energy, electric power, and industries, and the cost-benefit analysis of mitigation technologies for energy activities, especially the challenges and innovations to develop and deploy negative emission technologies;
4. Major issues of social governance, law, and planning and business models to accelerate the low-carbon energy transition;
5. The challenges to estimating GHG emissions from energy activities, including CO₂ and non-CO₂ GHGs;
6. Green Belt-and-Road and the role of low-carbon energy.





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Message from the Editor-in-Chief

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