

# Special Issue

## Challenges and Innovations in Low-Carbon Energy

### Message from the Guest Editors

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

- 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;
- 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.;
- 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;
- Major issues of social governance, law, and planning and business models to accelerate the low-carbon energy transition;
- The challenges to estimating GHG emissions from energy activities, including CO<sub>2</sub> and non-CO<sub>2</sub> GHGs;
- Green Belt-and-Road and the role of low-carbon energy.

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### Guest Editors

Dr. Linwei Ma

Prof. Dr. Bo Zhang

Dr. Wenjia Cai

Dr. Zongxiang Lu

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### Deadline for manuscript submissions

closed (15 January 2022)



## Sustainability

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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