# **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 cobenefits/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 costbenefit 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 CO2 and non-CO2 GHGs;
- Green Belt-and-Road and the role of low-carbon energy.

### **Guest Editors**

Dr. Linwei Ma

Prof. Dr. Bo Zhang

Dr. Wenjia Cai

Dr. Zongxiang Lu

### Deadline for manuscript submissions

closed (15 January 2022)



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#### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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