



Balancing Energy Consumption and Carbon Dioxide Emission under the Context of Carbon Peak in China

Guest Editor:

Prof. Dr. Lifeng Wu

College of Management
Engineering and Business, Hebei
University of Engineering,
Handan 056038, China

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Global warming caused by excessive carbon emissions has disrupted the Earth's ecosystem. In response to climate change, the Chinese government has put forward specific goals for carbon peaking by 2030 and neutrality by 2060. In order to reduce carbon emission, balancing energy consumption and carbon dioxide emission is a hot topic. Balancing energy consumption and economic development is very important. This Special Issue aims to contribute to this important topic and welcomes theoretical and empirical research that finds a road to sustainable development in China. Specific topics include, but are not limited to: carbon neutrality, grey forecasting model of energy consumption and carbon dioxide emission, uncertain model of sustainable development, environmental management, impact of carbon peaking and carbon neutrality, impact of population on carbon peaking, grey evaluation of carbon dioxide emission, new energy, and national or regional energy policies.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI