

## Special Issue

# Carbon Emission Mitigation: Drivers and Barriers

### Message from the Guest Editors

We are pleased to launch a new Special Issue focusing on new insights into the drivers and barriers towards carbon emission mitigation.

Carbon emission mitigation is central to achieving sustainable development and countering climate change. Albeit the past few decades have seen some positive developments and global efforts in cutting greenhouse gas emissions, the potential for further mitigation is in doubt after “the low-hanging fruit has been picked”. The next phase of carbon emission mitigation will entail close attention to hard-to-decarbonize sectors and carbon-intensive economies. Sectors, such as heavy industries, power generation, and road transport are significant contributors to carbon emissions and, for different reasons, are difficult to decarbonize. Economies, such as China, the United States, and India, are the biggest greenhouse gas emitters and their low-carbon transitions are of key significance in combatting climate change.

---

### Guest Editors

Dr. Xun Zhou

Department of Environment and Geography, University of York, York  
YO10 5NG, UK

Dr. Wen Wen

School of Economics and Management, China University of Petroleum  
(East China), Qingdao 266580, China

---

### Deadline for manuscript submissions

closed (31 August 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/137936](https://mdpi.com/si/137936)

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

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



## About the Journal

### 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.

---

### 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

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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