

## Special Issue

# Sustainability of Carbon Capture and Utilisation

### Message from the Guest Editors

This Special Issue of *Sustainability* calls for articles on emerging technologies including membranes, calcium looping, catalysed sorbents, algae-based capture, direct air capture, liquefaction and cryogenic separation, and seeks to consolidate the alternative options which face different technological challenges and are at different and/or lower technology readiness levels (TRL). Original and review articles covering the suggested areas are invited for consideration and peer-review for this Special Issue.

- Mature and novel carbon capture technologies
- 'Blue' hydrogen and CCS
- Advances on CO<sub>2</sub> utilisation
- Technology assessment: economic, environmental, social
- Education and training on sustainable carbon capture

### Guest Editors

Dr. Carolina Font Palma

Department of Engineering, University of Hull, Hull, HU6 7RX, UK

Dr. Abigail González-Díaz

Instituto Nacional de Electricidad y Energías Limpias

### Deadline for manuscript submissions

closed (31 January 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/48292](https://mdpi.com/si/48292)

*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)