

## Special Issue

# 5G: Smart Technology for Environment and Sustainable Development

### Message from the Guest Editors

This Special Issue aims to publish high-quality research papers on smart technology for environmental and sustainable development. The theme of this Special Issue is 5G smart technology, environment and sustainability. The focus will be on:

- Developing an understanding of 5G technology/sustainability within smart regions;
- Understanding the benefits of smart management;
- How 5G can make our environment clean and suitable for humans and nature?;
- Climate hazards and resilience;
- Quantifying the potential impacts of climate extremes and smart risk management;
- Sustainable management of the land-water-energy;
- Net zero energy buildings;
- Smart management of water resources in the urban region;
- Environmental impacts and water reuse;
- Sustainable use and management of natural resources in buildings and in the built environment beyond specific energy saving and efficiency and the use of renewable energies.

---

### Guest Editors

Prof. Dr. Shah Kwok Wei

Prof. Dr. Michael Yit Lin Chew

Dr. Evelyn Ai Lin Teo

Dr. Vishal Kumar

Dr. Ghasan Fahim Huseien

---

### Deadline for manuscript submissions

closed (30 June 2021)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



[mdpi.com/si/70666](https://mdpi.com/si/70666)

*Sustainability*  
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 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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