

## Special Issue

# Sustainable Power System Planning and Sustainable Energy

### Message from the Guest Editor

In recent years, society has begun to realize the importance of low-carbon development. As one of the industries with high carbon emissions, the power industry must be transformed as soon as possible in order to achieve sustainable development. Therefore, the green reconstruction of power systems is very important. First of all, the power sector should collate statistics of carbon emissions of power systems in each region and use these as the basis for evaluating low-carbon development locally. At the same time, the process of evaluation should be fully combined with local energy emission standards, urban development, and residents' living habits through the analysis of the structural factors of electricity carbon emissions, and according to the planning of the power system itself and the application of automation technology, so as to achieve low-carbon power planning and development.

Power system automation in the future is bound to have a better prospect of development; in this process, reasonable power system planning is very important, so we must be aware of the importance of power system planning and automation development.

---

### Guest Editor

Dr. Yuntao Ju

College of Information and Electrical Engineering, China Agricultural University, Beijing, China

---

### Deadline for manuscript submissions

closed (21 April 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/113591](https://mdpi.com/si/113591)

*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)