



## Sustainable Power System Planning and Sustainable Energy

Guest Editor:

**Dr. Yuntao Ju**

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

Deadline for manuscript  
submissions:

**closed (21 April 2023)**

### Message from the Guest Editor

Dear Colleagues,

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.

Dr. Yuntao Ju  
Guest Editor





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

School of Environment and  
Natural Resources, Ohio State  
University, Columbus, OH 43210,  
USA

## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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](#), [CAPlus / 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](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)