

## Special Issue

# Smart Power Grid for Sustainable Energy Transition

### Message from the Guest Editors

The European electricity system is faced with fundamental transition needs due to climate change, resource scarcity and concerns over security of supply. Smart grids are seen as a solution to several interlinked problems: ageing infrastructures, the need to decarbonize the energy system and the transportation sector, increased penetration of intermittent energy sources, growing energy demand through increased amount of electric household appliances and the reduced availability of balancing power due to liberalization of the electricity market. This Special Issue invites submissions of cross-disciplinary and empirical studies from several fields of economics, business strategy, innovations, environmental impact studies, engineering, public policy, sustainability and consumer research. Since the smart grid and its impacts on sustainable energy transition is manifested differently in different countries and on different continents, a wide range of contributions are invited from all over the globe.

---

### Guest Editors

Dr. Kaisa Matschoss

Dr. Salla Annala

Dr. Eva Heiskanen

---

### Deadline for manuscript submissions

closed (30 August 2018)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/11857](https://mdpi.com/si/11857)

*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)