

## Special Issue

# Sustainable Electrical Engineering: Powering a Greener Future

### Message from the Guest Editor

This Special Issue explores advancements in sustainable electrical engineering, highlighting research addressing climate change and energy transition through renewable technologies, smart grids, and energy-efficient practices. Fostering interdisciplinary collaboration will present innovative solutions and methodologies that enhance sustainability. This aligns with the journal's scope, promoting electrical engineering practices focused on environmental stewardship and resource efficiency and encouraging dialog on the socio-economic implications of transitioning to greener energy systems. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Renewable Energy Integration; Smart Grids and Energy Management; Energy Storage Solutions; Energy Efficiency in Buildings; Electric Vehicles and Charging Infrastructure; Microgrids and Decentralized Energy Systems; Policy and Regulation for Sustainable Energy; Environmental Impact Assessments; Education and Workforce Development; Intelligent Software Solutions for Sustainable Energy Management.

### Guest Editor

Prof. Dr. Carlos Silva

Computer Engineering Department, Catarinense Federal Institute (IFC),  
São Bento do Sul 89283-064, SC, Brazil

### Deadline for manuscript submissions

10 February 2026



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/218453](https://mdpi.com/si/218453)

*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)