

Special Issue

Sustainable Lighting: Design for Human Wellbeing and Technological Development

Message from the Guest Editor

The principles of sustainability impose a new vision on lighting design, no more limited to the architecture and engineering fields, that requires a transdisciplinary approach. Research findings and technological development opened new perspectives that drive lighting design to sustainability. On one hand, the sustainability concept includes energy issues, which are mainly related to efficient lighting systems; on the other hand, it refers to human needs, which include visual comfort, psychological and physiological wellbeing, and health. This Special Issue is aimed at collecting research findings on innovative approaches to lighting design, whose objects of study are the impact of lighting on human being and/or new lighting technologies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: lighting theory, indoor and outdoor lighting, electrical lighting and daylighting, lighting systems and sources, lighting technology, smart lighting, energy saving, LCA, and lighting metrics and indices.

Guest Editor

Dr. Chiara Burattini

Department of Astronautical Electric and Energy Engineering, Sapienza University, 00185 Rome, Italy

Deadline for manuscript submissions

closed (30 November 2025)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/195492

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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. 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)