Special Issue

Sustainable Outdoor Lighting

Message from the Guest Editors

Outdoor lighting has become an integral part of the urban environment and plays a significant role not only in the visual performance of users but also in the safety and appearance of the environment after dark. However, artificial lighting is also a major consumer of electricity and a source of greenhouse gas emissions. Furthermore, poorly designed outdoor lighting systems waste energy and resources and impact negatively on human health and on the natural environment. Outdoor lighting technologies have been rapidly changing in recent years. The growth of efficient LED luminaires allows the reduction of the required energy consumption as compared to luminaires with conventional light sources. Moreover, with LED technology, when combined with smart control using sensors and control algorithms, it is possible to generate the appropriate amount of light at the appropriate time at the site where the light is actually needed. This kind of adaptable lighting system saves energy and provides the required quality and quantity of light with minimized light pollution...

Guest Editors

Dr. Pramod Bhusal

1. Department of Electrical Engineering and Automation, Aalto University, P.O. Box 11000, Espoo, Finland
2. Department of Optometry, Radiography and Lighting Design, University of South-Eastern Norway, 235 3603 Kongsberg, Norway

Dr. Laurent Canale

CNRS Délégation Midi-Pyrénées, 31400 Toulouse, France

Deadline for manuscript submissions

closed (28 February 2023)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/81375

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

mdpi.com/journal/sustainability

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/journal/sustainability

MDPI

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)