

## Special Issue

# Recent Advances in Lighting for Energy Efficiency and Sustainability

### Message from the Guest Editors

This Special Issue will collect research and studies on the evaluation of the actual efficacy and achievable benefits of recent advanced technologies for energy-efficient lighting for indoor spaces.

The topics for this Special Issue include but are not limited to the following:

- The application and evaluation of advanced and efficient light sources;
- The application and evaluation of advanced building devices for lighting during the day;
- The development of systems for daylight control;
- Algorithms and tools for smart lighting control;
- Methods of optimizing lighting design;
- The design and application of lighting control systems;
- The post-occupancy evaluation of lighting systems;
- The post-operating evaluation of lighting systems;
- Simulation software for lighting design;
- The use of efficient lighting for visual comfort;
- The use of efficient lighting for non-visual comfort;
- The use of smart lighting for safety;
- BIM and BEM for lighting systems.

---

### Guest Editors

Dr. Marina Bonomolo

Department of Engineering, University of Palermo (UNIPA), 90128 Palermo, Italy

Dr. Francesca Fragiasso

Department of Industrial Engineering, University of Naples Federico II, 80125 Naples, Italy

---

### Deadline for manuscript submissions

closed (31 August 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/73479](https://mdpi.com/si/73479)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )