

## Special Issue

# Aerosol and Particle Technologies

### Message from the Guest Editors

Aerosol and particle technologies play a crucial role in various industrial, environmental, and health-related industries/applications. This Special Issue aims to highlight the latest advancements and research in this field, focusing on the development, characterization, and application of aerosol and particle technologies. Topics of interest include, but are not limited to, fundamental aerosol science, aerosol synthesis and measurement, particle characterization, air quality monitoring, and the impact of aerosols on climate and health. By exploring these cutting-edge developments, this Special Issue seeks to foster a deeper understanding and promote innovation in the design and implementation of aerosol and particle technologies.

- aerosol
- air quality monitoring
- particle characterization
- particulate matter
- health impact
- particle instrument development
- particle separation
- filtration

---

### Guest Editors

Dr. Dong-Bin Kwak

Department of Manufacturing Systems of Design Engineering (MSDE), Seoul National University of Science and Technology (SeoulTech), Seoul 01811, Republic of Korea

Dr. Regina Duarte

CESAM—Centre for Environmental and Marine Studies, Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal

---

### Deadline for manuscript submissions

closed (20 August 2025)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/210005](https://mdpi.com/si/210005)

*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/](https://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 )