

## Special Issue

# Resource Recovery and Utilization of Industrial Waste

### Message from the Guest Editors

This Special Issue on "Resource Recovery and Utilization of Industrial Waste" aims to gather high-quality research and practical solutions focused on turning industrial waste into valuable resources through advanced technologies and sustainable strategies. We invite interdisciplinary contributions that explore innovative techniques for industrial waste management, promote material and energy recovery, and support the transformation of waste into value-added products. Key topics of interest for this Special Issue include, but are not limited to:

- Technologies for industrial waste minimization;
- Recovery of valuable materials from industrial waste;
- Energy recovery from industrial waste;
- Valorization and reuse of industrial by-products;
- Policy, regulation, and governance models;
- Public engagement and awareness.

We look forward to receiving your valuable contributions supporting the advancement of sustainable industrial waste management practices.

---

### Guest Editors

Dr. Pietro Romano

Department of Industrial and Information Engineering & Economics,  
University of L'Aquila, Via G. Gronchi, 18, 67100 L'Aquila, Italy

Dr. Alessia Amato

Department of Life and Environmental Science, Università Politecnica  
delle Marche, Ancona, Italy

---

### Deadline for manuscript submissions

20 November 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/241706](https://mdpi.com/si/241706)

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

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





# 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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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