

## Special Issue

# Application of Municipal/Industrial Solid and Liquid Waste in Energy Area

### Message from the Guest Editors

Due to dwindling fossil fuel resources and efforts to protect the natural environment, we are looking for new energy resources. One of the possible ways to maintain the energy balance is the application of **Municipal Solid Waste (MSW)** as well as **Industrial Solid and Liquid Waste (IW)** in the energy area. Thus, MSW and IW can be considered directly as energy source, and they can also play a role as material resources in the energy area. We would like to invite you to submit the papers in a wide variety of such field. Papers on the fundamental and practical aspects will be considered. The following subjects are welcome:

- Waste-to-energy;
- Processing and thermal treatment (torrefaction/pyrolysis/gasification/combustion) of Municipal Solid Waste (MSW) and Industrial Solid and Liquid Waste (IW) in terms of the Energy field;
- Materials recovery from MSW and IW for Energy applications;
- MSW and IW in energy storage field;
- MSW and IW in hydrogen technologies.

---

### Guest Editors

Prof. Dr. Janusz Lasek  
Dr. Chao-Wei Huang  
Prof. Dr. Yueh-Heng Li

---

### Deadline for manuscript submissions

closed (20 April 2023)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/97017](https://mdpi.com/si/97017)

*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 )