



## Electrochemical and Photo-Electrochemical Technologies for Food and Environment Applications

Guest Editor:

**Dr. Sajjad Hussain**

Faculty of Materials and  
Chemical Engineering, GIK  
Institute of Engineering Sciences  
and Technology, Topi, Swabi  
23640, KP, Pakistan

Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editor

Recently, the paradigm in wastewater treatment has been shifting from conventional technologies to green and more robust electrochemical technologies for the decontamination of wastewater. These kinds of alternative technologies enable us to degrade pollutants in water as well as in soil. This is a multidisciplinary field and bring chemists, electrochemists, engineers, and practitioners together in a collaborative effort to minimize the amount of waste. This Special Issue will focus on recent trends and developments in these electrochemical technology and will elaborate on their challenges and development. Manuscripts about electrochemical and photo-electrochemical treatment of wastewater and soil are welcome for submission. Work on the development and design of new electrode materials, electrochemical reactor design, process optimization, and scaling up the process are especially encouraged.

We firmly believe that the implementation of electrochemical processes provides a brilliant opportunity, and we hope the community can benefit from their applications.





an Open Access Journal by MDPI

## Editor-in-Chief

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

## 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.

## 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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)