



an Open Access Journal by MDPI

## Advanced Materials for Water Remediation

Guest Editors:

**Dr. Gabriela Buema**

SM-S National Institute of  
Research and Development for  
Technical Physics, Iasi, Romania

**Dr. Daniel Gherca**

SM-S National Institute of  
Research and Development for  
Technical Physics, Iasi, Romania

Deadline for manuscript  
submissions:

**closed (10 September 2023)**

### Message from the Guest Editors

Water is one of life's most valuable and necessary resources. The impurity of water by pollutants released from the different industries have a critical threat to the environment and to human health. Chemical, biological, and physical methods are available for wastewater treatment. Nevertheless, each procedure has its own set of benefits and drawbacks. The adsorption process has long been pointed out as the most popular treatment recommended to remove the contaminants from an aqueous solution due to some obvious advantages, such as: lower production of secondary harmful substances and minimum energy requirement. An efficient and sustainable adsorption process depends on the type of adsorbent used.

In the actual scientific context it is underlined that detailed studies about implementing a cheap and highly efficient adsorbent to treat the water contaminated with different pollutants is an interesting challenge and have to be conducted.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

## 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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:** JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

## Contact Us

---

Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
[X@Materials\\_Mdpi](https://twitter.com/Materials_Mdpi)