



an Open Access Journal by MDPI

## Advanced Nanocomposites and Hybrid Materials for Environmental Remediation

Guest Editors:

**Prof. Dr. Kun-Yi Andrew Lin**

Department of Environmental Engineering, National Chung Hsing University, Taichung, Taiwan

**Prof. Dr. Stanislav Wactawek**

Department of Nanomaterials in Natural Sciences, Institute for Nanomaterials, Advanced Technology and Innovation, Technical University of Liberec, Studentska 1402/2, Liberec 1, Czech Republic

Deadline for manuscript submissions:

**closed (5 April 2024)**

### Message from the Guest Editors

Dear Colleagues,

As environmental issues are becoming more complicated and challenging nowadays, seeking effective and practical solutions to answer these environmental problems is crucial! Functional materials have been proven to be key to successful environmental remediation because functional materials can be useful tools for eliminating contaminants and abating their environmental impacts.

With facile designs, functional materials can be further tuned into nanoscale composites that consist of multiple components in order to offer synergistic and comprehensive solutions to modern environmental problems. These nanocomposites can also be a versatile platform to provide additional benefits for remediating the environment by creating more advantages via integrating various features of hybrid materials. Therefore, this Special Issue will focus on the design, development and applications of nanocomposites and hybrid materials as novel platforms for environmental remediation.

You can submit your paper at the following link:

<https://www.mdpi.com/si/181199>

Prof. Dr. Kun-Yi (Andrew) Lin

Dr. Stanislav Wactawek

Guest Editors



[mdpi.com/si/181199](https://www.mdpi.com/si/181199)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Shirley Chiang**

Department of Physics, University  
of California Davis, One Shields  
Avenue, Davis, CA 95616-5270,  
USA

## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

## 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, CAPlus / SciFinder, Inspec, and other databases.

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

## Contact Us

---

*Nanomaterials* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/nanomaterials](http://mdpi.com/journal/nanomaterials)  
[nanomaterials@mdpi.com](mailto:nanomaterials@mdpi.com)  
[X@nano\\_mdpi](https://x.com/nano_mdpi)