



an Open Access Journal by MDPI

## Advanced Nanotechnology, Innovative Nanomaterials and Their Environmental Applications

Guest Editors:

**Prof. Dr. Changlei Xia**

College of Materials Science and Engineering, Nanjing Forestry University, Nanjing 210037, China

**Dr. Yassine Kadmi**

Faculty of Sciences and Technologies, University of Lille, Lille, France

Deadline for manuscript submissions:

**closed (23 January 2024)**

### Message from the Guest Editors

We would like to invite all scholars in the field of nanotechnology and nanomaterials for environmental application, especially the participants of the 2nd International Conference on Science, Engineering, and Advanced Technology (ICSEAT-2023) (<http://sciences-congress.com/>) to submit their original research papers, and reviews to this Special Issue of *Nanomaterials*, entitled “Advanced Nanotechnology, Innovative Nanomaterials, and Their Environmental Applications”.

We invite all the prospective participants to submit original and scientific studies related to, but not limited to, the following topics:

- Advanced Oxidation Technology;
- Engineering Nanoparticles for Photocatalytic Applications;
- Water/Wastewater Treatment and Process Technology;
- Green Chemistry and Clean Technology;
- Energy, Bioenergy, and Renewable Energy;
- Science, Technology, and Sustainability Engineering.

Note: we will provide 15% discount on APC for the participants of the 2nd International Conference on Science, Engineering, and Advanced Technology.



[mdpi.com/si/171636](https://mdpi.com/si/171636)

# 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)