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## Nanoengineered Interfaces, Coatings and Structures by Plasma Techniques

Guest Editors:

**Prof. Dr. Krasimir Vasilev**

Mawson Institute and School of  
Engineering, Mawson Lakes  
Campus, University of South  
Australia, Mawson Lakes, SA  
5095, Australia

**Dr. Melanie Ramiasa**

Mawson Institute, Mawson Lakes  
Campus, University of South  
Australia, Mawson Lakes, SA  
5095, Australia

Deadline for manuscript  
submissions:

**closed (30 November 2017)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks submissions that address environmental applications and implications of nanotechnology. To make green nanotechnology, this Special Issue will focus on environmental applications of engineered nanomaterials (ENMs) and biosynthesized nanomaterials (BNMs) such as inorganic nanoparticles synthesized by microorganisms, fungi, algae and plants. At the same time, we will also cover difference between ENMs and BNMs in terms of their environmental applications, behavior and effects including interactions between these nanomaterials and natural organic matter and their physicochemical transformation in aquatic environment.

Dr. Yongsheng Chen  
*Guest Editor*



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# Special Issue



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## 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.

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

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