



Journal of Nanomaterials

Special Issue on
Environmental Nanotechnology

CALL FOR PAPERS

The past few years have witnessed a rapid increase in interests in the applications and implications of nanotechnology in environmental science and engineering. Even though investigations on the interface of environmental quality and nanotechnology have been underway for much longer time, a few new trends have emerged which deserve intensive attention. Examples of these new trends include the emphasis of sustainable synthesis of engineered nanomaterials for environmental applications, development of more efficient nanocomposite catalysts, the upscale of nanoenabled technologies, the accentuation of the unique properties of engineered nanomaterials with their biological consequences and the paradigm expansion from short term to long term, and multigenerational assessments in nanotoxicity studies. All these new developments can be organized under the umbrella of “environmental nanotechnology” and a special issue focusing on these new developments in this exciting new nexus area will provide an important platform to enhance communication between researchers and provide opportunity to further advance new developments. Therefore, the editors of this journal are pleased to launch a special issue on this new frontier.

We invite investigators to contribute original papers as well as reviews to discuss and report new findings in the general field of environmental nanotechnology.

Potential topics include but are not limited to the following:

- ▶ Sustainable synthesis of engineered nanomaterials
- ▶ Nanoaerosols
- ▶ Fate and transport of engineered nanomaterials
- ▶ Interactions of engineered nanomaterials with coexisting environmental chemicals
- ▶ Nanotoxicology
- ▶ Catalytic nanomaterials
- ▶ Life cycle assessment of nanotechnology in environmental applications

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jnm/ent/>.

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First Round of Reviews

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