Special Issue

Nanotechnologies for Environmental Remediation

Message from the Guest Editors

In order to achieve sustainability within the framework of environment and energy nexus, nanomaterials and nanotechnology will play the foremost role. The millennium agenda of global sustainability has arrived with excellent opportunities for the deployment and its ultimate implementation of nanotechnologies for environmental remediation. Nanomaterials require small amounts of raw materials, have unique and much enhanced surface reactivities and selectivities, and robust in-system design and operations. The Special Issue welcomes manuscripts covering the following subjects: Processes and engineering applications of nanotechnologies for the treatment of impaired water, polluted air, contaminated soils and sediments; electrochemical processes applying nanocatalytic electrode materials; heterogeneous nanophotocatalysis; multiple-functional nanoadsorbents and nanocatalysts; photo-electrochemical processes; nanomembranes; environmental nanosensors; environmental implications; and impacts of nanaomaterials. Prof. Dr. Chin-pao (C. P.) Huang

Guest Editors

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Prof. Dr. Cheng-Di Dong

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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