

Special Issue on  
**Nanotechnology-Based Innovative Applications for the Environment**

# CALL FOR PAPERS

This special issue welcomes contributions from researchers and engineers from academic and research institutions, as well as stakeholders from industry, presenting recent advances and new approaches on the application of nanotechnologies to the environment.

This special issue aims at collecting recent scientific and technical advances in the field of the application of nanotechnologies to environmental protection, including characterization, monitoring, remediation of contaminated sites, and treatment of water, wastewater, and residues. Green and circular economy processes and methods within the proposed topic are welcome. Moreover, authors may report about possible issues and threats using nanomaterials by pointing out health and safety implications during environmental applications.

Potential topics include but are not limited to the following:

- ▶ Nanosensors and bio-nanosensors for environmental characterization and monitoring
- ▶ Bio-based nanomaterials for remediation and treatment of soil, water, and air
- ▶ Nanomaterials development and production for environmental applications and sustainable energy
- ▶ Nanostructured materials for advanced remediation processes
- ▶ Nano-based water and wastewater treatment processes
- ▶ Nano-based air depuration processes
- ▶ Membrane fabrication and processes
- ▶ Health and safety applications concerning nanomaterials

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/ijce/nbia/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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