

Special Issue

Application of Nanomaterials in Soil and Aquatic Environment Remediation

Message from the Guest Editors

Topics of interest include, but are not limited to, the following:

- Sustainable synthesis and development of NMs for environmental applications.
- Advanced characterisation of NMs and their environmental interactions.
- Catalytic, including photocatalytic, degradation mechanisms.
- Remediation approaches based on adsorption and redox reactions.
- Degradation pathways and transformation byproducts.
- Fate, transport, and long-term behaviour of NMs.
- Risk assessment, ecotoxicology, and regulatory challenges.
- Field-scale applications and real-world case studies.
- Techno-economic and sustainability assessment of NMs-based technology.

This Special Issue will encourage the development of nanotechnologies in soil and water treatment for a sustainable future, and we look forward to your valuable contributions.

Guest Editors

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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