

## Special Issue

# Nanotechnology in Sustainable Environmental Remediation

### Message from the Guest Editors

Nanotechnology has emerged as a transformative field in addressing global environmental challenges through innovative, sustainable, and efficient approaches. This Special Issue on nanotechnology and sustainable environmental chemistry focuses on the application of nanomaterials and nanoscale technologies for pollution control, environmental restoration, and ecosystem resilience. This issue highlights the use of nanotechnology in mitigating soil and water contamination, detoxifying heavy metal stress, and enhancing plant growth under various abiotic stress conditions. To move beyond traditional cleanup methods, this Special Issue particularly encourages interdisciplinary approaches that merge nanomaterial design with biological systems. We seek contributions that integrate plant physiology, soil chemistry, and nanomaterial design to better understand the mechanisms of contaminant uptake, detoxification, and ecological restoration. Aligned with *Sustainability's* mission, this issue will provide valuable insights for researchers, policymakers, and practitioners toward advancing nanotechnology-based sustainable solutions for environmental protection and global sustainability goals.

### Guest Editors

Dr. Marko Černe  
Dr. Mohammed Bouhadi  
Dr. Qaiser Javed

### Deadline for manuscript submissions

31 August 2026



## Sustainability

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# About the Journal

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

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