

Special Issue

The Application of Nanomaterials for the Removal of Emerging Pollutants from Water

Message from the Guest Editor

Nanotechnology can support effective strategies for the treatment, use, and reuse of water and the development of next-generation water supply systems.

Nanomaterials such as carbon nanotubes/graphitic carbon nitride composites, graphene-based composites, metal oxides and composites, metal-organic frameworks, etc. have been used for the removal of different categories of pollutants, including pharmaceutically active compounds, personal care products, organic micropollutants, as well as for the disinfection of microbial targets (bacteria, viruses, protozoa, etc.), in water and wastewater matrices. The present Special Issue will focus on the application of nanomaterials for the removal of emerging pollutants from water. The characteristics and efficacy of nanoengineered materials, as well as performance limitation issues (e.g., toxicity, operating conditions, and reuse) for their practical application in water and wastewater treatment on large scale will be covered. Contributions are welcome.

Guest Editor

Dr. Petros Kokkinos

Department of Chemical Engineering, University of Patras,
Caratheodory 1, University Campus, GR-26504, Patras, Greece

Deadline for manuscript submissions

closed (31 March 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/52877

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)