



toxics



an Open Access Journal by MDPI

Toxicity of Nanoparticles on Freshwater Ecosystem

Guest Editor:

Dr. Elena Maria Scalisi

Department of Biological,
Geological and Environmental
Sciences, University of Catania,
95124 Catania, Italy

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

The nano size of nanoparticles facilitates their penetration into different live tissues and enables them to interact with cells and proteins. Additionally, NPs can accumulate in organs as a foreign body. Ecotoxicological research is crucial to improve knowledge on the toxicity of nanoparticles, how they interact with living systems, and their effects.

In this Special Issue, we encourage the submission of any original articles and reviews with a focus on the toxicity of nanoparticles on aquatic organisms.

Topics may include but are not limited to the following:

- Ecotoxicological assays on model aquatic organisms;
- Biomonitoring using biomarkers such as enzymes and metabolites;
- Effects of multiple nanoparticles on aquatic organisms;
- New methods for assessing nanotoxicity.



mdpi.com/si/171807

Special Issue



toxics



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Toxicology) / CiteScore - Q2 (*Chemical Health and Safety*)

Contact Us

Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxics
toxics@mdpi.com
[X@@Toxics_MDPI](#)