



Impacts of Nanomaterials in the Environment

Guest Editors:

Dr. Sónia Silva

LAQV/REQUIMTE & Department
of Chemistry, University of Aveiro,
Aveiro, Portugal

Dr. Helena Oliveira

Department of Biology, CESAM—
Centre for Environmental and
Marine Studies, University of
Aveiro, 3810-193 Aveiro, Portugal

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Message from the Guest Editors

nanotechnology has gained growing importance in diverse fields of science, medicine, economy and industry. Nevertheless, the generalized use of nanomaterials (NM) lead to their release (direct or indirect) to the environment and consequent interaction with natural systems.

This special issue aims to provide a concentrated venue to publish relevant research on the field of NM toxicity, taking in particular considerations studies using NM doses with environmental relevance. In this Special Issue, authors are invited to submit original research papers and reviews that deal with the determination of NP concentration in the environment, fate and impact in plants and humans. Research areas may include the following:

- NM concentration and fate in terrestrial environments
- Uptake and effects of relevant NM in plants species, namely in plant metabolism
- Assessment of the effects of environmentally relevant NM concentrations in humans, including in-vitro toxicological assays
- Interactions of NM with other contaminants present in soil
- Role of NM in alleviating plant stress





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Editor-in-Chief

Dr. Demetrio Raldúa

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

Message from the Editor-in-Chief

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Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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