

Special Issue

Ecotoxicology of Pollutants: Sources, Effects and Human Impact Assessment

Message from the Guest Editors

Dear Colleague, The scope of this Special Issue encompasses a broad range of topics, focusing primarily on the sources of toxic pollutants, toxic effects on organisms, and impacts on human health, including identifying the sources and distribution of toxic pollutants, chemical speciation and transformations, and their persistence and mechanisms in the environment; the construction of cell or animal models to study the molecular mechanisms of pollutant toxicology and risk assessment, big data methods such as machine learning to build models for identifying and evaluating toxicity and risk, and mechanisms that pollutants exert toxicity in the environment; the impact and mechanisms of pollutants on growth and metabolism. We also invite authors to address pollutant treatment and removal. In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.

- environmental contaminants
- hazardous materials
- environmental toxicology
- pollutant treatment
- biological degradation
- organic solid waste
- ecotoxicology
- health

Guest Editors

Dr. Hongyang Cui

School of Environmental Science and Engineering, Tianjin University, Tianjin 300072, China

Dr. Xu Zhang

College of Life Science, Northeast Agricultural University, Harbin 150030, China

Deadline for manuscript submissions

closed (20 December 2024)



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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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