

Special Issue

Ecotoxicological Effects and Mechanisms of Pollutants on Aquatic Systems

Message from the Guest Editors

Global changes and anthropogenic activities have led to the continuous input of various pollutants into aquatic systems, including nutrients, heavy metals, organic pollutants, nanoparticles, (micro)plastics, etc. These pollutants strongly impair aquatic biota and, therefore, dampen ecosystem functioning, and may further generate strong impacts on human societies as aquatic ecosystems play important roles in sustaining global biodiversity and human populations. A comprehensive understanding of the consequences and the underlying mechanisms of these pollutants is one crucial prerequisite for the development of effective conservation and restoration policies in aquatic systems. This SI aims to present the most recent developments in understanding the effects and mechanisms of pollutants in aquatic systems. Concerning original articles, we encourage studies that focus on a wide range of organization levels, e.g., from individuals to communities, and that explore the effects of various abiotic pollutants and their underlying mechanisms. Studies with respect to the development of conservation and restoration policies against aquatic pollutants are also welcomed.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

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