



Research on Bioaccumulation and Toxicity of Environmental Pollutants

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Deadline for manuscript
submissions:

closed (31 October 2024)

Message from the Guest Editor

Environmental pollution is now of international concern and a public health issue. The intake route of an environmental pollutant might be through physical, chemical, and biological processes; this begins with cell tissue interaction with toxic contaminants. This interaction can cause several negative effects and even death of the exposed organisms. Toxicity studies are extremely useful to evaluate the vulnerability and mortality probability of organisms induced by direct contamination; this has strong dependence on the pollutant type, time of exposure, pollutant concentrations, and the life cycle stage or the organisms at the time.

The main purpose of this Special Issue in *IJERPH* is to publish original and/or review papers dealing with the incidence, sources, transportation, accumulation, and physical, chemical, and biological processes leading to toxicity and bioaccumulation on flora and fauna through water, soil, and air pollution. Studies on toxicity and bioaccumulation of priority environmental pollutants, such as pesticides, metals, metalloids, micro-plastics, nanoparticles, organic and persistent pollutants.





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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.

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Environmental Research and Public
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