

Special Issue

Environmental Processes of Persistent Organic Pollutants, Heavy Metals and Emerging Contaminants

Message from the Guest Editors

Persistent organic pollutants and heavy metals are alarming contaminants worldwide due to their widespread occurrence, long-term persistence, transportation, high bioaccumulation and potentially significant impacts on human health and ecosystems, and they impede 'green' economic development. Worldwide, some contaminants have been banned or restricted for a decade, but they are still detectable in the environment. Additionally, many heavy metals that have been discharged over the decades are constantly transferred to and immobilized in various environments. Similarly, the concentration of emerging pollutants, such as nanoparticles, plastics and antibiotic resistance genes, in the ecosystem is increasing with the developments in social and economic growth. They have long half-lives in soils, sediments, air, water and biota. However, the toxicity, fate and transport of these pollutants remain undiscovered. To address this pressing environmental challenge, the theme of this Special Issue is 'Environmental Processes of Persistent Organic Pollutants, Heavy Metals and Emerging Contaminants'.

Guest Editors

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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

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