

Special Issue

Persistent Toxic Substances and Public Health

Message from the Guest Editors

Persistent toxic substances (PTSs) are ubiquitous in most environmental compartments and human tissues. Due to their adverse effects on the environment and humans, there are increasing regulations on the use and production of PTSs, both worldwide and regionally. In the meantime, some contaminants of emerging concern (CECs) have been used as replacements of traditional PTSs, while some CECs have also showed potential persistency, bioaccumulation, and toxicity to humans. However, the sources, distribution, and fate of emerging PTSs in the environment remain unclear, which are the bottlenecks of further risk assessment on ecological and human health, and both internal and external exposure data to emerging PTSs are scarce. The Special issue will cover (but is not limited to) the following topics: (1) Development of analytical methods for PTSs in various environmental compartments; (2) Evaluation of sources, occurrence and fate of PTSs of concern in various environment media; (3) Identification of new contaminants of emerging concern with PTS potential in the environment; (4) Ecological and human health risk assessments.

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.

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