

Special Issue

Fate, Transport and Remediation of per- and Polyfluoroalkyl Substances

Message from the Guest Editors

Emerging contaminants, including per- and polyfluoroalkyl substances (PFASs) and microplastics, are increasingly being detected at various concentrations in surface water. Therefore, there is concern that these compounds may have a negative impact on aquatic life and human health. This group also consists of pharmaceuticals, pesticides, industrial chemicals, surfactants, and personal care products. Moreover, these contaminants include endocrine-disrupting compounds, analgesics, antibiotics, hormones, and a whole range of other pharmaceutical compounds comprising anti-inflammatory, antidiabetic, and antiepileptic drugs. At this juncture, it is important to not only identify the source and extent of these contaminants but also how to remediate them. Thus, this Special Issue will aim to find novel methods of identifying the fate and transport of these contaminants. Consequently, this Special Issue will seek publications on the remediation of these contaminants and their final disposal. This might involve state-of-the-art methods to destroy or immobilize these chemicals to prevent their further dispersal in the environment.

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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.

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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