



## Environmental Contaminants of Emerging Public Health Concern: PFAS

Guest Editors:

**Prof. Dr. Clyde F. Martin**

Department of Mathematics and  
Statistics, Texas Tech University,  
Lubbock, TX 79409, USA

[clyde.f.martin@ttu.edu](mailto:clyde.f.martin@ttu.edu)

**Dr. Andrea Kirk**

Department of Occupational and  
Environmental Health, Milken  
Institute School of Public Health,  
George Washington University,  
Washington, DC 20052, USA

[abkirk@email.gwu.edu](mailto:abkirk@email.gwu.edu)

Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

While PFAS chemicals have long been in use, our understanding of the mechanisms by which they adversely affect biological systems and the endpoints they alter need elucidation so that risks posed to human and environmental targets can be understood. PFAS present challenges to public health by the sheer number of chemical forms, molecular targets, adverse outcome pathways, and potential developmental or homeostatic impacts. PFAS have now been detected worldwide, including in some of the most pristine environments on Earth and in large percentages of human blood samples from broad populational surveys. Expanding scientific understanding of the molecular targets, adverse outcome pathways, and endpoints would aid in strategies for both PFAS-related regulatory and translational science and in predictive toxicology efforts. In these perspectives, collecting evidence on nuclear receptor interactions, biomolecular cascades, and endpoints detrimental to individual or community health will help to shed light on the challenges presented by these “forever” chemicals.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Paul B. Tchounwou**

School of Computer,  
Mathematical & Natural Sciences,  
Morgan State University, 1700  
East Cold Spring Lane, Baltimore,  
MD 21252, USA

## Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

## Author Benefits

**Open Access:**— free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Public Health, Environmental and Occupational Health*)

## Contact Us

---

*International Journal of  
Environmental Research and Public  
Health*

MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijerph  
ijerph@mdpi.com  
@IJERPH\_MDPI