



## Effects of Climate Change and Anthropogenic Disturbances on Water Ecological Environment and the Coping Strategies

Guest Editors:

**Dr. Xun Wang**

**Dr. Zhiyuan Wang**

**Dr. Xin Zhao**

Deadline for manuscript  
submissions:

**closed (6 April 2023)**

### Message from the Guest Editors

Recognition of global climate change as an environmental issue has drawn attention to the climatic impact of human activities. Paleoclimate records from tree rings, and ice cores indicate a clear warming trend spanning the entire 20<sup>th</sup> century and the first decade of the 21<sup>st</sup> century. Scientists and environmentalists have pointed out that human-induced climate change results from the disturbance in all aspects of the environment.

Among them, aquatic environments are closely related to all kinds of human production and living activities. However, they are under increasing stress due to climate change and human disturbances, such as increased input of pollutants, decrease in ecological functions. Fortunately, realizing the urgency and importance of the matter, researchers have started to work on the coping strategies, including effective water treatment and energy recovery.

This Issue focuses on revealing the effects of climate change and anthropogenic disturbances on the water ecological environment. Papers, reviews, and case reports are welcome. Papers dealing with technical and managerial approaches to addressing the above impacts are also welcome.





an Open Access Journal by MDPI

## Editor-in-Chief

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

RCMI Center for Urban Health  
Disparities Research and  
Innovation, Richard Dixon  
Research Center, Morgan State  
University, 1700 E. Cold Spring  
Lane, Baltimore, MD 21251, 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, CAPus / SciFinder, and other databases.

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

## Contact Us

---

*International Journal of  
Environmental Research and Public  
Health* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

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