



## **Environmental Issues in Aerospace and their Impact on Public Health**

Guest Editors:

**Prof. Dr. Costas Varotsos**

Department of Environmental  
Physics and Meteorology, Faculty  
of Physics, National and  
Kapodistrian University of  
Athens, University Campus, Bld  
Phys 5, Ilissia (Zografou), 157 84  
Athens, Greece

**Dr. Stanislav Szabo**

Dean of Faculty of Aeronautics,  
Technical University of Košice,  
Rampová 7, 041 21 Košice,  
Slovakia

Deadline for manuscript  
submissions:

**closed (30 June 2020)**

### **Message from the Guest Editors**

The problem of the impact of aviation on our everyday life can be solved in the context of modeling the environmental response to rising air pollutants due to increasing air traffic. New approaches and advanced technologies can be developed and employed to understand the role of aviation emissions in the climate change response, taking into account existing emission trends. Modeling results will be supported by measuring the absorption and radiative properties (single particle albedo and multi-particle scattering from in-situ measurements) of soot/nitric acid/water particles emitted at high and low altitudes, and/or by ground-based measurements at airports.

This Special Issue is open to any subject area related to climate change research, environmental research, aerospace research, the impact of aviation, aviation education, and air traffic management. The keywords listed suggest just a few of the many possibilities.





an Open Access Journal by MDPI

## Editor-in-Chief

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

RCMI Center for Urban Health  
Disparities Research and  
Innovation, Richard N. Dixon  
Research Center, Morgan State  
University, 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. 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.

## 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](http://www.mdpi.com)

[mdpi.com/journal/ijerph](http://mdpi.com/journal/ijerph)  
[ijerph@mdpi.com](mailto:ijerph@mdpi.com)  
[X@IJERPH\\_MDPI](https://twitter.com/IJERPH_MDPI)