



## Polycyclic Aromatic Hydrocarbons (PAHs): Sources, Detection and Health Effects

Guest Editors:

**Prof. Dr. Joanna Rakowska**

The Main School of Fire Service,  
Faculty of Civil Safety  
Engineering, 52/54 Slowackiego  
St., 01-629 Warsaw, Poland

**Dr. Ka Hei LUI**

Department of Chemical and  
Biological Engineering, The Hong  
Kong University of Science and  
Technology, Hong Kong

**Prof. Dr. Marzena Rachwał**

The Main School of Fire Service,  
Faculty of Civil Safety  
Engineering, 52/54 Slowackiego  
St., 01-629 Warsaw, Poland

Deadline for manuscript  
submissions:

**closed (20 May 2022)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue is initiated to be a forum for information exchange on the presence and variability of PAH concentrations in different parts of the world, and aims to cover the following research aspects:

- Partitioning model of PAHs between gaseous and particulate phases;
- Distribution and emission sources of PAHs in ambient air;
- Atmospheric PAHs and meteorological conditions;
- The polycyclic aromatic hydrocarbons pollution index prediction of urban air;
- Inhalation exposure to PAHs;
- PAHs in the atmosphere: health risk assessment.

Prof. Dr. Joanna Rakowska

Dr. Ka Hei LUI

Prof. Dr. Marzena Rachwał

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Daniele Contini

Institute of Atmospheric Sciences  
and Climate (ISAC), National  
Research Council (CNR), Str. Prv.  
Lecce-Monteroni km 1.2, 73100  
Lecce, Italy

## Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

**Journal Rank:** CiteScore - Q2 (*Environmental Science (miscellaneous)*)

## Contact Us

---

Atmosphere Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/atmosphere](http://mdpi.com/journal/atmosphere)  
[atmosphere@mdpi.com](mailto:atmosphere@mdpi.com)  
[X@Atmosphere\\_MDPI](https://twitter.com/Atmosphere_MDPI)