



an Open Access Journal by MDPI

Atmospheric Pollutants Dispersion

Guest Editors:

Prof. Dr. Andrzej Polanczyk

Faculty of Fire Safety Engineering, The Main School of Fire Service, 01-629 Warsaw, Poland

Dr. Wioletta Rogula-Kozłowska

 The Main School of Fire Service, Faculty of Fire Safety Engineering, 52/54 Słowackiego St., 01-629 Warsaw, Poland
Institute of Environmental Engineering of Polish Academy of Sciences, Department of Air Protection, 24 Curie-Skłodowskiej St. 41-819 Zabrze, Poland

Deadline for manuscript submissions: closed (28 July 2022)

Message from the Guest Editors

The development of the urbanization process may affect atmosphere pollution, as urban constructions change natural geomorphologic conditions. Dispersion of toxic gases due to natural or industrial accidents may lead to potentially dreadful consequences. Therefore, measuring the ventilation rate is crucial to ensuring the control of emission of pollutants in households as well as buildings in rural areas such as greenhouses or animal houses. To prevent the effects of uncontrolled emission of pollutants. different approaches have been introduced. For instance, mathematical models have been developed for air quality/condition assessment. Additionally, to assist in decision making and planning of the placement of hazardous zones, computational tools are applied. simulation using computational fluid Furthermore, dynamics (CFD) techniques can provide detailed data on the prediction and visualization of spatial dispersion. This Special Issue is addressed at research studies focused on different aspects of air pollution and its treatment in developing countries.









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 mdpi.com/journal/atmosphere atmosphere@mdpi.com X@Atmosphere_MDPI