

Special Issue

Aerosols, Health, and Environmental Interactions

Message from the Guest Editors

Interactions between aerosols, the environment, and human health are complex and crucial in the context of global change. Aerosols, from both anthropogenic and natural sources, significantly influence atmospheric processes, impacting air quality, climate, and health. Bioaerosols like fungal spores, bacteria, viruses, and particulate matter from various origins are essential components of this dynamic.

This Special Issue aims to provide a platform for interdisciplinary contributions exploring the sources, transport, modeling, health implications, and mitigation strategies of aerosol emissions and exposure. We welcome original research and review articles focusing on aerosols' interactions with the environment and health, particularly through air-quality monitoring, bioaerosol dynamics, risk assessment, and predictive modeling.

By gathering insights from environmental engineering, aerobiology, atmospheric science, and public health, we aim to enhance understanding of how aerosols impact urban and regional health outcomes. Submissions related to climate variability, exposure assessments, and innovative methods for studying aerosol–health relationships are particularly encouraged.

Guest Editors

Dr. Andrés M. Vélez-Pereira

Dr. Gregori de Arruda Moreira

Prof. Dr. Jordina Belmonte

Deadline for manuscript submissions

30 April 2026



Environments

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.7



mdpi.com/si/246798

Environments
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
environments@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy

2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).