

Special Issue

Sustainable Air Quality Management: Bioaerosols, Human Health, and Integrated Environmental Strategies

Message from the Guest Editor

Air quality is a key determinant of human health and well-being. Beyond chemical pollutants, bioaerosols—airborne microorganisms and their by-products—play a critical role in shaping the microbiological quality of both indoor and outdoor environments. Exposure to harmful biological agents in workplaces and public spaces can cause a wide range of health effects, from allergies and infections to chronic respiratory conditions. Despite their importance, bioaerosols remain insufficiently studied compared to other air pollutants, and effective strategies for their monitoring, regulation, and control are still developing. The aim of this Special Issue is to advance knowledge on the microbiological quality of air and promote innovative, sustainable methods for reducing the risks associated with airborne biological hazards. The scope is directly aligned with *Sustainability*, as it addresses environmental and health challenges that require integrated and forward-looking solutions. In this Special Issue, original research articles and reviews are welcome. I look forward to receiving your contributions.

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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