

Special Issue

Bioaerosols in Urban Settings: Roles of Climate Change, Ecosystem Services and Human Health

Message from the Guest Editors

Urban environments are the space in which the majority of humankind reside and work. However, the backdrop of climate change, reduced biodiversity, and a lack of (sustainable) urban green spaces burden human and environmental health. In parallel, despite humans spending almost 80% of their time indoors, little is known about indoor environments. Bioaerosols, outdoors or indoors, are a neglected form of air matter that originate from biological sources, consisting of pollen, fungi, bacteria, viruses, etc. Bioaerosols present emerging health risks and are bio-indicators of climate change (IPCC WGII AR6); therefore, it is imperative to understand the ecological processes involving their production, transfer and deposition. This Special Issue aims to investigate how the atmospheric environment contributes, positively or negatively, to human health and wellbeing and environmental through continued environmental exposure. This Special Issue welcomes research on bioaerosols of any type, origin, taxon, and environmental regime, encouraging submissions related to exposure risk and relevant human and environmental health impacts.

Guest Editors

Dr. Athanasios Charalampopoulos
Dr. Ioanna Pyrri
Dr. Athanasios Damialis

Deadline for manuscript submissions

31 March 2026



Aerobiology

an Open Access Journal
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mdpi.com/si/242239

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

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Prof. Dr. Chad J. Roy
Department of Microbiology and Immunology, School of Medicine,
Tulane University, New Orleans, LA, USA

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