atmosphere

an Open Access Journal by MDPI

IMPACT FACTOR 2.3

CITESCORE 4.9

Detection and Monitoring of Bioaerosols

Guest Editor:

Dr. Zaheer Ahmad Nasar
School of Water, Energy and Environment, Cranfield University, Cranfield MK43 0AL, UK

Deadline for manuscript submissions:
closed (31 December 2019)

Message from the Guest Editor

Dear Colleagues,

There has been growing scientific interest to understand bioaerosols emissions in different environments due to various anthropogenic and natural drivers shifting their sources and the resultant concerns on their societal impact. Detection and monitoring of bioaerosols is a prerequisite to comprehending their role and impact and subsequent development of any emission management strategies. The recent technological developments in detection and characterization of bioaerosols can advance our knowledge on bioaerosols emissions across different temporal and spatial scales in complex real-world environments. This special issue is intended to not only review the existing state of knowledge on bioaerosols emissions in different environments (indoors and outdoors) across local, regional and global scale but also provide insight to ongoing developments in the field of bioaerosols technology. Both chamber and real-world studies focusing on bioaerosols instrumentations, detection and monitoring, particularly, utilising non-culture based methods are particularly encouraged.

Dr. Zaheer Ahmad Nasar
Guest Editor

atmosphere

an Open Access Journal by MDPI

IMPACT FACTOR 2.3

CITESCORE 4.9

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