



Optical and Microphysical Properties of Aerosols and Bioaerosols

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Message from the Guest Editors

Exposure to high amounts of atmospheric aerosol particles, including their biological components like bacteria, fungal spores, pollen, molds, and viruses, is related to significant deteriorations of the ecosystem and public health.

This Special Issue will explore the current knowledge about interactions among the optical and microphysical properties of aerosol particles and their biological components. In addition, this Special Issue aims to investigate the influence of meteorology, seasonal changes, and the advection of long-range-transported air masses on the detection of possible reasons for the atmospheric aerosol composition. We will consider both experimental and model-based works characterizing aerosols and bioaerosols in different types of environments. Authors are also encouraged to submit manuscripts based on particulate matter detection and monitoring devices and/or on advanced approaches.

