



Atmospheric Aerosol Regional Monitoring

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Message from the Guest Editors

Dear Colleagues,

Aerosols play an important role in the radiative balance of the Earth climate system. The direct aerosol effects depend on the aerosol optical properties and their spatial and vertical distribution in the atmosphere.

This Special Issue aims to gather both experimental and model contributions on the characterization of the physical, chemical, and optical properties of aerosol, with a special focus on regional and global climate impacts. We invite submissions exploring the following topics: Results from global monitoring networks, long-term datasets on aerosol chemistry and optical properties variability and trends, global models-measurements comparisons, satellite measurements, and in-situ vertical characterization (from airborne platforms such as aircrafts or balloons). This list is not exhaustive and all relevant research will be considered. Contributions presenting and describing new monitoring networks and measurement protocols are also welcome.

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