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# PM Sensors for the Measurement of Air Quality

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**closed (30 May 2023)**

## Message from the Guest Editors

Particulate matter (PM) is the deadliest air pollutant affecting human health, and its ability to travel across countries and geographical boundaries makes PM a global problem. The variability in monitoring technologies and programs and poor data availability make global comparison difficult, so there is a need to expand and improve local and global PM indicators. This Special Issue aims to present and discuss the most promising strategies for meeting the technological, economic, and societal challenges in the real-time monitoring of PM in air (ambient and indoor) by means of sensors. *Atmosphere* invites scientists and researchers to contribute to this Special Issue by submitting manuscripts (research papers, communications, and review articles) on any of the following topics: PM sensor technologies, low-cost PM sensors, sensor-based devices and systems for PM monitoring, wearable PM sensors, dynamic PM sensor measurements, field calibration and deployment of PM sensors, performance evaluation of PM sensors, quality assessment of PM sensor data, and wireless PM sensor networks.

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## 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!

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