Special Issue

Novel Developments in Mobile Monitoring of Air Pollution

Message from the Guest Editors

In recognition of this emerging monitoring approach, the open-access journal *Atmosphere* hosts a Special Issue to showcase the most recent developments in mobile monitoring of air pollution. Both articles and reviews are welcome. Topics of interest for the Special Issue include but are not limited to:

- Novel mobile monitoring platform development (e.g., Google Street View-based platforms, drone-based platform);
- Instruments for mobile platforms (e.g., low-cost sensor, smartphone-based measurements);
- Source identification via mobile monitoring platforms (e.g., aircraft emissions, traffic-related emissions);
- Quality assurance/quality control (QA/QC) in large-scale mobile monitoring (e.g., quantitative calibration);
- Statistical analysis techniques of mobile-monitoring datasets (e.g., primary component analysis, machine learning algorithm);
- Personal exposure assessment with mobile-platform-based datasets versus fixed-site-based datasets.

Guest Editors

Dr. Jianbang Xiang

Dr. Tianjun Lu

Dr. Yisi Liu

Deadline for manuscript submissions

closed (25 February 2022)

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

mdpi.com/journal/atmosphere

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About the Journal

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!

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

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