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Sensors for Air Quality Monitoring

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Message from the Collection Editors

New sensors to detect air pollutants are available and applied in different areas of atmospheric observations. These sensors are not only small, lightweight, fast, and cheap, but also relatively unstable and inaccurate. It is time to provide an overview about

- The possibilities and shortcomings of the new sensing techniques and applications;
- The methodologies to overcome their disadvantages;
- The solutions to integrate networks of these sensors into the existing, well-calibrated air-quality monitoring networks;
- The solutions to use them for air-quality monitoring; and
- Their application to new tasks such as the detection of air pollution hot spots or the evaluation of emission inventories and numerical air pollution simulations.

So, we ask physicists, chemists, engineers, information scientists, and corresponding researchers to send in their papers for this Special Issue.



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Topical Collection



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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