

Special Issue

Monitoring and Control of Air Pollution for Sustainability

Message from the Guest Editors

Air quality monitoring in urban environments is of great importance for environmental and health care. The information registered by air monitoring networks is a key input for environmental institutions and local governments, which need to know the air conditions and generate policies and action plans to control environmental threats, evaluating the impact of these measures. Traditionally, air quality information in urban areas is obtained through networks of certified high-end measuring stations, which provide highly reliable data. However, the deployment of certified stations is difficult or unfeasible for many cities, due to their high acquisition and maintenance costs. The present Special Issue aims to develop an intelligent and remote calibration system for low-cost air quality sensors that minimizes the calibration time, can be used in various urban environments and climatic seasons, and maximizes the quality of the data delivered. We encourage researchers to submit experiences related to the design and implementation of air quality monitoring systems for urban sustainable environments.

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