

Special Issue

Advances in Air Quality Monitoring and Assessment

Message from the Guest Editor

Air quality monitoring is a long-term assessment of pollutant levels. Furthermore, an air quality monitoring system (AQMS) supports research by providing the information necessary for scientists to perform long-term studies of the exposure of population to various atmospheric substances and in general to estimate the health effects of air pollution.

The purpose of this Special Issue is to provide an overview of recent advances in environmental monitoring and assessment that includes the design, development, and application of advanced monitoring systems. These systems should be based on cutting-edge scientific knowledge and not replicate well-known monitoring techniques. Potential topics of the journal include, but are not limited to, technical developments of AQM systems (including advanced sensor technologies), methodological approaches to assess the impact of air pollution in human health, and long-term personal and population exposure assessment studies. Scientific papers dealing with monitoring and health data fusion techniques and evaluation of air quality models using data from advanced AQMS are also encouraged.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

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