Special Issue

Biomonitoring of Air Pollution

Message from the Guest Editors

Despite the introduction of cleaner and sustainable technologies in industry, energy, and good production and transport, air pollution remains a major health risk. An effort should be made to assess the presence in the atmosphere of "old" pollutants and to bring to light emerging ones. Moreover, understanding the mechanisms of pollutant dispersion and transformation and their uptake by plants represents a prerequisite to individuate the best methodologies for their monitoring. Plants are particularly suited to describe the spatial–temporal trends of pollutant deposition and the effects induced by airborne pollutants, forecasting environmental changes from small to large scale. Biomonitoring with plants is considered an adequate alternative technique to acquire data about pollution, but up to date, there are still some open issues needing exploration. Therefore, all those studies based on new methods or on the improvement of already existing ones are welcome in this Special Issue.

Guest Editors

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Dr. Fiore Capozzi

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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!

Editor-in-Chief

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