Special Issue

Effects of Policy, Mitigation Measures and Economic Recession on Air Quality Trends

Message from the Guest Editors

This Special Issue focuses on air quality trends occurring in recent years with particular attention for the anthropogenic factors driving the tendencies, e.g., changes in emission scenarios, population growth, industrial development or deindustrialization, delocalization of production or international relocation, economy recession, etc. Analyses of long-term datasets from routine monitoring networks or from campaign-based studies are welcomed, as well as the development/testing of original chemometric methods for investigating temporal and spatial changes in air pollution. We particularly invite papers on the following topics:

- Long-term trends (at least a decade-long) in the concentration of gaseous air pollutants or particulate matter (mass/composition/number/size distributions).
- Effects of anthropogenic factors driving the changes of local or regional air quality.
- Effects of low-emission zones on air quality.
- Comparison of air quality pre- and post- 2009 economic recession.
- Analysis of trends due to local drivers as well as due to regional or transboundary transports of polluted air masses.

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Deadline for manuscript submissions

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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

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