Special Issue

Long-Term Research on the Quality of Air and the Trends of Its Variability

Message from the Guest Editor

Complex international projects, connected with research on global climate change and environmental pollution, usually contain atmosphere–ocean–land interplay clusters focused on the study of atmospheric aerosol properties and their role in various biogeochemical cycles in the biosphere. Special attention was given to the study of the cycle of carbon in the Arctic Region. Meteorological conditions, synoptical processes, volcanic activity, wildfires, dust storms, industry, and many other natural and anthropogenic factors significantly affect the quality of air. This Special Issue aims to establish a community of authors and readers to discuss long-term research on the quality of air and follow trends in the dynamics of its variability. We welcome studies dedicated to the various fields of air quality and its variability analyses.

Guest Editor

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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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