



Ambient Air Quality in the Czech Republic

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

The Czech Republic (CR) is a Central European country with an infamous environmental pollution history and long-term problems due to heavy air pollution in the past. These were mostly due to emissions from burning poor-quality lignite of local provenience with very high contents of sulphur, used both for coal-powered thermal power plants and for local, domestic heating systems.

This Special Issue invites you to contribute articles by reporting on observation-based and modelling studies related to the past and present ambient air quality in the Czech Republic. Solicited contributions include but are not limited to studies on long-term trends in ambient air pollutants and atmospheric deposition, emissions, and emission sources, transboundary, long-range, and regional-range transport of air pollutants, and behaviour of atmospheric pollutants in particular in the context of the on-going climate change. Articles on the impact of ambient air pollution on human health and environment, including vegetation and ecosystems in the Czech Republic, are also encouraged.

Associated Prof. Iva Hůnová

Guest Editor





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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!

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