Assessing Atmospheric Pollution and Its Impacts on the Human Health

Guest Editor:

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Deadline for manuscript submissions:
closed (1 December 2021)

Message from the Guest Editor

Nowadays, atmospheric pollution is one of the main threats to the environment and human health. Under conditions of urbanization and industrial expansion, the reduction of pollution is an important direction to be followed by governments and populations worldwide. This issue will focuss on new techniques for estimating, modeling, and forecasting atmospheric pollution and its impacts on human health. We invite authors to submit original research papers and review articles with the following topics:

- Estimating air quality using statistical and artificial intelligence methods;
- Monitoring and forecasting of pollution dynamics at local and regional scales using statistical, geostatistical, and artificial intelligence methods;
- Emphazing the impacts of atmospheric pollution on human health;
- Proposing new tools and indicators for assessing air quality;
- Assessing the pollution risk to human health using statistical methods;
- Related topics.

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Special Issue

Editor-in-Chief

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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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