



## Evaluation of Anthropogenic Emissions into the Atmosphere: Regional Scale Approach, Trends, and Large-Scale Mitigation

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### Message from the Guest Editor

Dear Colleagues,

Atmospheric emissions (AE) are the one of the evident anthropogenic factors having an effect on the quality of air and pollution of other environmental media. The aim of this Special Issue is to provide original results on a number of topics related to regional aspects of anthropogenic emissions over the continents, including various air pollutants, temporal variability and tendencies, relationship with changes in industrial development, and implementation of mitigation policies and measures.

The scope of the Special Issue may include (but is not limited to) research on AE estimation with top-bottom approaches and/or industry-type oriented investigation, AE trends in regions and their reflection in air quality dynamics, and potential and observed effects of regional or national mitigation programs and policy.

Dr. Sergey Gromov

*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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