



Measurement and Analysis of Mercury in the Environment

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Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Atmosphere*, entitled *Atmospheric Mercury Monitoring and Analysis*, is devoted to all aspects of atmospheric mercury science, including, but not limited to, instrumental advances; natural and anthropogenic source contributions; mercury abatement technology; air-surface fluxes; mercury passive air samplers; atmospheric mercury chemistry; and modeling. The rationale for this Special Issue is to evaluate/predict historical and future trends of mercury concentration with respect to global change and local contamination.

The purpose of this Special Issue is to provide an overview of recent advances in technologies, tools, and methods, with a focus on improving air monitoring, increasing environmental awareness, and/or facilitating knowledge-based policymaking. Contributions from observations, field experiments, and chemical-transport modelling, including data science investigations, are all welcome.





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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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