Special Issue

Cycles and Transformations of Mercury in the Atmosphere and Ecosystems

Message from the Guest Editors

The Minamata Convention on Mercury emphasizes the importance of controlling and reducing mercury emissions and releases through international cooperation and better policy implementation to mitigate its adverse effects on human health and ecosystems. Contributions are particularly welcome in the following areas: 1.Research on atmospheric mercury, including its sources, transport, and deposition patterns.2.Studies on the chemical transformations of mercury in the atmosphere and their impact on global mercury cycling.3.Development and application of atmospheric models to predict mercury dispersion and deposition.4.Field measurements and monitoring of atmospheric mercury concentrations and fluxes.5.Future projections of mercury transformations and their potential impacts on global and regional scales.6.Evaluation of the effectiveness of current mitigation strategies and development of innovative approaches to reduce mercury pollution.7.Studies on the influence of socioeconomic factors on mercury pollution and exposure risks.8.Risk assessment of mercury exposure on human health. We look forward to your valuable contributions.

Guest Editors

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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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