Special Issue

Atmospheric Mercury Dynamics in Remote Regions

Message from the Guest Editors

This Special Issue on “Atmospheric Mercury Dynamics in Remote Regions” is open to all aspects of atmospheric mercury science including, but not limited to, sources, transport, transformation, and atmosphere–surface exchange, with particular emphasis on remote regions. The rationale for this Special Issue is to understand mercury dynamics at baseline sites, i.e., in the absence of significant local/regional anthropogenic pressure, and to evaluate/predict variability in the context of global change. We are particularly open to process-based knowledge on atmospheric mercury in remote regions, including polar, open ocean, forest, or any locations surrounded by little point source emissions, which are representative of typical regional baseline atmospheric conditions and composition. The historical, present-day, and future evaluations of any changes regarded as global change such as climate change, land-use change, and changes in atmospheric composition, anthropogenic activities, and legacy emissions on atmospheric mercury are also welcome. The technical approach to addressing these themes is unlimited.

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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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