Special Issue

Mercury in Atmosphere

Message from the Guest Editors

Toxic mercury is globally dispersed through long-range transport in the atmosphere and biogeochemical cycling in the environment. The aim of this Special Issue is to synthesize the state of the science in the measurement, assessment, and modeling of atmospheric mercury measurement to improve our understanding of global mercury cycling. We especially welcome: (1) measurement and modeling studies that address atmospheric mercury cycling questions at local, regional and global scales; (2) process-orientated studies that address atmospheric mercury transformation and surface–atmospheric mercury exchange.Targeted topics of this Special Issue include but are not limited to:Atmospheric mercury speciation;
Atmospheric mercury chemistry;
Surface–atmosphere exchange;
Atmospheric mercury dry and wet deposition;
Inventory of mercury emissions.

Guest Editors

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Deadline for manuscript submissions

closed (19 October 2023)

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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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