Special Issue

Atmospheric Mercury in Asia

Message from the Guest Editor

Mercury (Hg) is a toxic heavy metal of concern that can exist naturally in the gas phase; hence, it can actively circulate between environmental media after being emitted. East and Southeast Asia have the largest emissions of Hg in the world, contributing approximately 40% of the global anthropogenic emissions. However, the history of atmospheric Hg measurements in most Asian countries is relatively shorter than in the USA and Canada. The purpose of this Special Issue is to provide updated information on the current situation of atmospheric Hg levels in urban, rural, and background areas in Asia, and their impacts on other environmental media and human health. Studies on the temporal and spatial variations of atmospheric Hg, updated emissions inventories, transport and source allocation, air–surface Hg exchange, and wet and dry depositions, by means of monitoring and modelling works, are highly welcome for this issue.

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!

Editor-in-Chief

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