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The Evolution of Atmospheric Composition and Its Impact on Human Health and Ecosystem in Asia

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Message from the Guest Editors

Dear Colleagues,

The atmospheric composition, including trace gases and aerosols in high concentrations, not only affects the regional atmospheric environment, but also threatens human health and the ecosystem. Multiple national governments take actions to protect the ozone layer and mitigate air pollution under a series of international agreements, such as the Montreal Protocol and Paris Agreement. Asia, as an intensive source of air pollution, has continuously received increasing attention. In addition, air pollution in Asia has worldwide consequences through long-range transport, climate change, and its interaction with the other regions. Thus, this Special Issue focuses on changes in atmospheric trace gases and aerosols in terms of their emissions, composition and physicochemical properties, as well as their consequent impacts on human, the climate and the ecosystem in Asia under the latest international agreement. Specifically, manuscripts related to novel detection methods, field measurements, and improved numerical simulations for these species are especially welcome.



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Special Issue



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Message from the Editor-in-Chief

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