Special Issue

Measurement and Risk of Pollutant Emissions from Soil to Atmosphere

Message from the Guest Editors

Atmosphere and soil are the main media for the spread and transportation of chemical and microbiological pollutants. Emissions from soil to atmosphere are critical environmental processes representing the major pathways for pollutants to enter the atmosphere and drive regional and global transportation. However, the emission measurements, sources, fluxes and intensities of typical pollutants from soil to atmosphere remain unclear, leading to great uncertainties to simulate and predict their environmental behaviors and health risks. Therefore, this Special Issue aims to present relevant original and novel studies on the measurement and risk of organic and inorganic pollutant emissions from soil to atmosphere. Potential topics include, but are not limited to:

- Measurement and risk assessment of pollutants emitted from soil to atmosphere;
- Fate and control of pollutants in soil and atmosphere systems;
- Emission inventory of pollutants in soil and atmosphere systems;
- Effectiveness of interventions aimed to reduce emissions and improve public health;
- Emerging pollutants of concern and their potential health impacts.

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Deadline for manuscript submissions

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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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