Special Issue

Air Pollution Generated from Agricultural Activities

Message from the Guest Editor

In this Special Issue of *Atmosphere*, we intend to address the different aspects of pollution caused by agricultural activities. These aspects include the use of pesticides, ammoniac, and other nitrogen compounds and particles. For pesticides, levels, trends, and behaviors in the air, including monitoring, seasonal and temporal variabilities, and processes (drift, volatilisation, atmospheric reactivity) can be considered. For ammoniac and nitrogen compounds and particles, discussions of their impacts on the formation of particles and on the climate are welcome. All aspects of modeling, sampling strategies and methodologies, surveys, human and environmental exposure and effects may also be considered. Likewise, the biomonitoring of exposure assessment in relation to air pollution should also be considered. Authors may present long-term monitoring surveys to investigate the link between air quality in urban areas and agricultural particle formation, with a particular focus on the importance of agricultural particles in terms of global pollution by particles in urban areas with respect to traffic and domestic particle emissions.

Guest Editor

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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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