



Environmental Odour

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submissions:

closed (31 May 2021)

Message from the Guest Editors

Dear Colleagues,

Environmental odor is perceived as a major nuisance by the rural as well as the urban population. The sources of odorous substances are manifold. In urban areas, these include restaurants, small manufacturing trades, and other sources, which might cause complaints. In the suburbs, wastewater treatment plants, landfill sites, and other infrastructures are the expected major odor sources. These problems are often caused by the accelerated growth of cities. In rural sites, livestock farming and the spreading of manure on the fields is blamed for severe odor annoyance. In fact, environmental odors are considered to be a common cause of public complaints by residents to local authorities, regional, or national environmental agencies. This Special Issue of *Atmosphere* will treat the entire chain from the quantification of odor sources, abatement methods, the dilution in the atmosphere, and the assessment of odor exposure for the assessment of annoyance. In particular, this Special Issue aims to encourage contributions dealing with field trials and dispersion modeling to assess the degree of annoyance and the quantitative success of abatement measures.





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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!

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