Special Issue

Odour in Ambient Air

Message from the Guest Editors

Odour in ambient air has become a global environmental issue of increasing concern in recent years. All types of odorous substances related to industry, municipal plants, and animal husbandry are included. Although rapid progress was made, some open questions deserve special interest, such as the determination of odour, and the estimation of odour annoyance. Proposals for an international harmonization of odour impact criteria are most welcome and seen as an urgent undertaking for the communities. This Special Issue of Atmosphere is open for the entire chain where odour can be relevant, including: (1) odour sources characterised by emission factors and treated by emission models, (2) the use of dispersion models to describe the transport and dilution of odour and odorous substances/mixtures in the atmosphere, (3) the assessment of relevant stimuli concentrations, (4) the assessment of odour exposure to estimate the expected odour annoyance by odour impact criteria, (5) odour abatement strategies.

Guest Editors

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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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