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Atmospheric Environmental Behavior and Control Measures of VOCs

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Deadline for manuscript submissions:
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Message from the Guest Editors

Atmospheric VOCs are important pollutants because they can be oxidized and consumed to generate free radicals, and then undergo a series free radical reactions to further generate SOA and O_3. However, the polluted pathways vary greatly from place to place because the contributing factors are very complicated, i.e., component, meteorological condition, regional terrain and atmospheric chemistry reaction conditions, which also create difficulties related to model simulation and environmental management. In recognition of this, the open access journal *Atmosphere* is hosting a Special Issue to showcase the frontier research related to the source apportionment of VOCs and its pollution mechanism. This Special Issue aims to provide new insights into VOCs apportionment and its effect on air pollution. Welcome contributions for this Special Issue include, but are not limited to, the following:

- Atmospheric observation show atmospheric chemistry process related to VOCs;
- The atmospheric physics process on VOCs, i.e., meteorological condition and terrain;
- Environmental management on VOCs emission control;
- Public health risk caused by atmospheric VOCs;
- Models and review papers.

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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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