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Investigate Secondary Aerosol Formation and Source by Stable Isotopes

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

In this Special Issue, study areas including, but not limited to, the following topics:

1. new methods for isotopic analysis;
2. stable isotopic signatures from different emission sources;
3. theoretical estimation and/or in situ observation of isotopic fractionation factors;
4. how isotopic compositions constrain secondary aerosol formation mechanism and emission sources;
5. the expanding application of isotopes on the atmospheric chemistry and physics.

Prof. Dr. Yunhua Chang
Guest Editor

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Editor-in-Chief

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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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