

Special Issue

Investigate Secondary Aerosol Formation and Source by Stable Isotopes

Message from the Guest Editor

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

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

Guest Editor

Prof. Dr. Yunhua Chang

Yale-NUIST Center on Atmospheric Environment, Nanjing University of Information Science and Technology, Nanjing 210044, China

Deadline for manuscript submissions

closed (31 December 2022)



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Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

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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

Dr. Daniele Contini

Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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