



## Statistical Methods in Atmospheric Research

Guest Editor:

**Dr. Santtu Mikkonen**

Department of Applied Physics,  
University of Eastern Finland,  
P.O. Box 1627, 70211 Kuopio,  
Finland

Deadline for manuscript  
submissions:

**closed (10 April 2023)**

### Message from the Guest Editor

Dear Colleagues,

The purpose of this Special Issue is to introduce advanced statistical methodology for the use of atmospheric scientists wrestling with complex data and the research questions related to them. The main emphasis will be given to methods for multivariable data, capable of finding dependencies from a high number of variables, and advanced time series analysis methods, capable of taking into account the autocorrelative structure of data and dealing with nonstationary or heteroscedastic time series.

We seek methodological studies analyzing measured or modeled atmospheric data, as well as studies introducing new and interesting results gained with statistical methods. We also welcome review papers summarizing existing methodology as well as brief communications introducing solutions to specific problems.

Dr. Santtu Mikkonen

*Guest Editor*





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## 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

## 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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Atmosphere Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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