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Data Analysis of Atmospheric and Air Quality Process

Guest Editors:

Dr. Ashok Kumar
Department of Civil and Environmental Engineering, The University of Toledo, Toledo, OH 43606, USA

Prof. Dr. Dantong Liu
Department of Atmospheric Sciences, School of Earth Sciences, Zhejiang University, Hangzhou 310027, China

Deadline for manuscript submissions:
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Message from the Guest Editors

Considerable amount of data are generated which relate to the atmosphere and air quality for protecting the health and well-being of the public. Innovative data analysis techniques have been developed in recent years by professionals in the field to understand the cause and effect of atmospheric processes and the air quality. The application of data analysis to solve atmospheric problems has grown exponentially to eliminate the risk due to air contaminants. Data analysis is playing a critical role as a part of a larger strategy for resolving air issues in different countries. This Special Issue aims to provide a comprehensive summary of case studies based on the current work being carried out in applying data analysis techniques to solve problems due to atmosperic processes. This issue invites the authors to submit papers that exploit the science and technology associated with data analysis, the atmosphere, and air quality.

This Special Issue invites you to submit papers across the broader spectrum of science and engineering (e.g., data analysis, databases, technology, atmospheric variables, measurement, air quality modelling, pollution control, risk, and satellite data).

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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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Contact Us

Atmosphere Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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atmosphere@mdpi.com
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