Special Issue

Atmosphere–Biosphere Interaction Monitoring and Modelling: Impact on Meteorological and Climate Conditions at Small Scales

Message from the Guest Editors

We invite you to contribute original research articles, as well as review articles, dealing with all aspects of **biosphere–atmosphere interaction measurement and modeling and its impact on weather and climate at small scales**. Expected contributions include recent experimental and modeling works, techniques, and developments tailored to the assessment of the most important processes related to **biosphere–atmosphere** interaction and their effects in rural and urban microenvironments. In this Special Issue, particular attention will be devoted to **micrometeorological measurements**. Therefore, descriptions and reviews of long-term micrometeorological measurements in rural (including forests) and urban environments are welcome. We are also interested in reviews with possible future lines of research topics. Topics of interest include but are not limited to:

- Seasonality of micrometeorological conditions;
- parameterization of processes describing biosphere–atmosphere interaction;
- Micrometeorological and biological observations;

Guest Editors

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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

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