

Special Issue

Advances in Land-Atmosphere Interactions

Message from the Guest Editors

The process of land-air exchange is the bridge of material and energy exchange between the biosphere and atmosphere. Various substances between the land and the atmosphere are closely linked through the land-air exchange process. It is important to study the exchange mechanism of active chemical components, and the measurement and simulation of material and energy transport between the land and the atmosphere. With global climate change and human activities, the land use of the Earth's surface and the occurrence form of atmospheric components have profound and complex changes. The changes in the land-air exchange mechanism and their impacts on the Earth's environment require further scientific discussion. The Special Issue includes but is unlimited to the following topics:

- Observation and simulation of the land-air exchange process on different underlying surfaces;
- Relationship between emissions, transport, and the deposition of atmospheric components;
- Interaction between air pollution change and terrestrial ecosystem;
- Land-air interaction of new air pollutants such as antibiotics.

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