



Advances in Land-Atmosphere Interactions

Guest Editors:

Dr. Ming Chang

Institute for Environment and
Climate Research, Jinan
University, Guangzhou 510632,
China

Dr. Weihua Chen

Institute for Environment and
Climate Research, Jinan
University, Guangzhou 510632,
China

Deadline for manuscript
submissions:
closed (31 August 2023)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI