



Recent Advances in Stratospheric Dynamic-Chemistry-Radiative Coupling Processes

Guest Editors:

Dr. Dong Guo

School of Atmospheric Science,
Nanjing University of Information
Science and Technology, Nanjing
210044, China

Dr. Yajuan Li

School of Electronic Engineering,
Nanjing Xiaozhuang University,
Nanjing 210017, China

Dr. Shujie Chang

College of Ocean and
Meteorology, Guangdong Ocean
University, Zhanjiang 524088,
China

Deadline for manuscript
submissions:

closed (15 July 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue mainly focuses on contributions that address topics including but not limited to:

- Combined effects of dynamic-chemistry-radiative coupling processes;
- Estimation of atmospheric chemical processes;
- Estimation of atmospheric dynamic processes;
- Estimation of atmospheric radiative processes;
- Interaction between dynamic, chemistry and radiative in stratosphere;
- Interaction between stratosphere and troposphere;
- Dynamic-chemistry-radiative modeling;
- Remote sensing techniques in the stratosphere.

Dr. Dong Guo

Dr. Yajuan Li

Dr. Shujie Chang

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ilias Kavouras

Environmental, Occupational,
and Geospatial Health Sciences,
CUNY School of Public Health,
New York, NY 10027, USA

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!

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank: CiteScore - Q2 (*Environmental Science (miscellaneous)*)

Contact Us

Atmosphere Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](https://twitter.com/Atmosphere_MDPI)