Special Issue

Atmospheric Environment and Agro-Ecological Environment

Message from the Guest Editors

The quality of the agro-ecological environment is closely related to the atmospheric environment. When conducting atmospheric environment control research, we should select atmospheric environment monitoring technology that can effectively determine the concentration and type of air pollution to identify the relevant control program, reduce air pollution, and properly maintain the agricultural ecological. This Special Issue shows the most recent findings related to atmospheric environment monitoring technology and methods, atmospheric environment monitoring and agricultural ecological environment interaction, to serve the important needs of modern agricultural development and atmospheric environment protection in China. It will present the latest trends, future research directions of multi-source remote sensing in agricultural and atmospheric environment research. Potential topics include (but are not limited to):High-resolution remote sensing agricultural and atmospheric applications.High-accuracy agriculture and atmospheric remote sensing data inversion algorithm.Multi-source remote sensing data fusion and assimilation model.Atmospheric environment monitoring and assessment.

Guest Editors

Dr. Chunmei Wang

Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing 100094, China

Dr. Lili Zhang

Aerospace Information Research Institute,Chinese Academy of Sciences, Beijing 100094, China

Deadline for manuscript submissions

closed (31 October 2024)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/172589

Atmosphere
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

mdpi.com/journal/atmosphere

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/journal/atmosphere

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

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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))

MDPI