



## Meteorological Satellites Data Analysis

Guest Editor:

**Prof. Dr. Ling Sun**

National Satellite Meteorological  
Center, China Meteorological  
Administration, No. 46  
Zhongguancun South Street,  
Beijing 100081, China

Deadline for manuscript  
submissions:

**closed (20 February 2024)**

### Message from the Guest Editor

Environmental satellites provide valuable data for the environment, the economy, and human life, and meteorological satellites have played an important role in global climate, environment and weather, especially in numerical weather prediction (NWP) and climate monitoring fields. Satellite data applications have increasing requirements for data timeliness, continuity and quality. The health status of the satellite platform and instruments on board is critical to the robust operational operation of satellite ground segments. The quality of the satellite science data, especially sensor data record products, is also the prerequisite for remote sensing applications. To meet the application requirements and ensure reliable satellite data products operationally, satellite agencies and researchers have been working on methodologies based on satellite data analysis and modeling and implementing them into the practice of satellite monitoring operation and maintenance as an important part of the satellite data ground processing system.

Prof. Dr. Ling Sun  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Konstantinos Kontis**

School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

## Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

*Aerospace* adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

## 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)*, *Inspec*, and other databases.

**Journal Rank:** JCR - Q1 (*Engineering, Aerospace*) / CiteScore - Q2 (*Aerospace Engineering*)

## Contact Us

---

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/aerospace](http://mdpi.com/journal/aerospace)  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)  
[X@Aerospace\\_MDPI](https://twitter.com/Aerospace_MDPI)