

## Special Issue

# Data in Astrophysics and Geophysics: Research and Applications, 3rd Edition

### Message from the Guest Editors

This Special Issue aims to encourage communication among the disciplines by identifying and grouping relevant research solutions. Its goals are to engage a broad community of researchers, both users and contributors, to make new discoveries enabled by the growth of data and technology and to continue the interdisciplinary exchange of ideas and methodologies with other fields. We would like to invite you to submit articles addressing data collection in astrophysics and geophysics, as well as their acquisition, processing, and management, so that these data can be used by other scientists and data producers. Potential topics include but are not limited to the following:

- Big data in astrophysics and geophysics;
- Data processing, visualization, and acquisition;
- Line profile data;
- Interstellar spectral data;
- Atomic and molecular data in astrophysics;
- Earth observation data;
- Climate data records;
- Natural hazards and disasters;
- Remote sensing.

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### Guest Editors

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### Deadline for manuscript submissions

31 August 2025



## Data

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## About the Journal

### Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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### Editor-in-Chief

Prof. Dr. Jamal Jokar Arsanjani

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