

## Special Issue

# Astronomy in the Big Data Era: Perspectives

### Message from the Guest Editors

Contemporary astronomy is strongly influenced by cosmic missions (e.g., SDSS Gaia) and onboard telescopes and spectrographs are constantly observing and collecting a huge amount of astronomical data (from photometric to spectroscopic data). Additionally, a large number of telescopes located in different places on Earth produce observational data that can be used for astronomical investigations. However, in this era of big data, research into very different astronomical topics also exist. In this Special Issue, we will present an overview of astronomical research in Serbia and Bulgaria based on selected papers from the XII Serbian–Bulgarian astronomical conference. We are also inviting other researchers to contribute to this issue with the results of their investigations and reviews on different astronomical topics.

### Guest Editors

Prof. Dr. Luka Č. Popović

1. Astronomical Observatory, in Belgrade, Bolgina 7, 11160 Belgrade, Serbia
2. Faculty of Mathematics University of Belgrade, Studentski Trg 16, Belgrade, Serbia

Prof. Dr. Vladimir Sreckovic

The Astrophysics and Ionospheric Laboratory, Institute of Physics Belgrade, University of Belgrade, 11080 Belgrade, Serbia

Prof. Dr. Milan S. Dimitrijević

Astronomical Observatory, Volgina 7, 11060 Belgrade, Serbia

### Deadline for manuscript submissions

closed (1 March 2021)



## Data

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.0



[mdpi.com/si/40541](https://mdpi.com/si/40541)

*Data*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[data@mdpi.com](mailto:data@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[data](#)





# Data

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.0  
CiteScore 5.0



[mdpi.com/journal/  
data](https://mdpi.com/journal/data)



## 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.

---

### Editor-in-Chief

Prof. Dr. Jamal Jokar Arsanjani

Geoinformatics and Earth Observation Research Group, Department of Planning, Aalborg University Copenhagen, A.C. Meyers Vænge 15, DK-2450 Copenhagen, Denmark

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, RePEc, and other databases.

#### Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q2 (Information Systems and Management)