

COSPAR Space Weather Roadmap 2022: Scientific Research and Applications

Scientific research papers are invited for a special topical issue of *Advances in Space Research* (ASR) entitled “**COSPAR Space Weather Roadmap 2022: Scientific Research and Applications**”

The COSPAR Panel on Space Weather is initiating a program to update the COSPAR Roadmap on Space Weather (Schrijver et al., Understanding Space Weather to Shield Society: A Global Road Map for 2015-2025 commissioned by COSPAR and ILWS” *Advances in Space Research*, Volume 55, Issue 12, 2745, 2015). This special issue of ASR will consider scientific research papers that are expected to increase our understanding of phenomena associated with Space Weather in addition to papers devoted to specific applications that could advance Space Weather forecasting for society; it will form the first part of the updated Space Weather Roadmap. Papers should consider achievements since the 2015 Roadmap on Space Weather and suggest ways for improvement in both science and applications.

Papers must be submitted electronically to <https://www.editorialmanager.com/AISR> to ensure that all manuscripts are correctly identified for inclusion into the special issue, authors must select “**Special Issue: COSPAR SW Rdmap Res-Apps**” when they reach the "Article Type" step in the submission process. Submitted papers must be written in English and should include full affiliation postal addresses for all authors. The general format for submission of papers can be found on the ASR Elsevier web site at

http://www.elsevier.com/wps/find/journaldescription.cws_home/644/authorinstructions

Only full-length papers will be considered for publication, subject to peer review by a minimum of two reviewers. There are no page limits although the length of the paper should be appropriate for the material being presented. While the deadline for submissions is **31 March 2022**, papers will be published electronically as soon as they are accepted, and authors are encouraged to submit early so as to aid the progress of the second part of the updated space-weather roadmap: “COSPAR Space Weather Roadmap 2022 – Achievements and Future Goals”. The printed issue will be assembled within a reasonable time with late papers being printed in regular issues of ASR. All articles will be typeset at no cost to the author; there is a charge for printing color figures; there is no charge for color figures on the electronic version.

Dr. Mario M. Bisi (Mario.Bisi@stfc.ac.uk) and **Dr. Maria (Masha) M. Kuznetsova** (maria.m.kuznetsova@nasa.gov) are the Guest Editors for this special issue. Questions can be directed to Drs. Bisi and Kuznetsova or to the Co-Editor for Special Issues, Dr. Peggy Ann Shea (sssrc@msn.com).