Special Issue

Space Weather: Observations and Modeling of the Near Earth Environment

Message from the Guest Editors

Space Weather refers to the study of solar activity of the Near Earth Environment and its impact on the performance and reliability of space-borne and ground-based technological systems. Space weather includes a wide spectrum of physical processes with various spatial and temporal scales which affect different users and technologies. Solar activity appearing itself as solar flares and Coronal Mass Ejections (CME), EUV and X-ray emissions as well as energetic particle precipitations affects the Earth's magnetosphere and upper atmosphere resulting in magnetic, ionospheric and thermospheric storms. The goal of this special issue is to provide a present-day understanding of physical processes from the Sun to the Earth environment and to report advances in monitoring and prediction of space weather.

This issue is focusing on physics processes that are behind space weather and on their modeling to achieve a reliable predictive capability of space weather forecast in operation of HF, GNSS and satellite observations.

For more information
https://www.mdpi.com/si/44151

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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