http://doi.org/10.69646/14sbac47a

EXPLORING SOLAR RADIATION: INFLUENCE, DIAGNOSTICS, PREDICTION

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Since solar-influenced space weather is known to be crucial for sustainable development, researchers are particularly interested in studying extreme weather occurrences, climate change, protection, and preservation (Srećković et al. 2021). Therefore, one of the most important questions is whether we can estimate the effects of solar radiation and determine the consequences for the Earth, human population, electronics, and telecommunications (Kolarski et al. 2022). This two-part question has a very complicated answer that is not at all obvious. As a result, the study necessitates a multidisciplinary methodology in addition to the deployment of several models from diverse scientific and industrial domains. In this contribution, we analyze this thematic.

Acknowledgments: This research was supported by the Science Fund of the Republic Serbia [Grant no. 3108/2021, NOVA2LIBS4fusion].

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