

Special Issue

Solar Radiation and Climate Change: Direct and Indirect Interconnections

Message from the Guest Editor

Solar radiation plays a crucial role in driving the Earth's climate system and is closely linked to climate change. The inter-relationship between solar radiation and the climate system is rather complex because the former directly and indirectly influences our climate. The energy from the Sun (in the UV, VIS, and IR bands) passes through the Earth's atmosphere and reaches its surface, thus influencing various climatic processes. This Special Issue aims to collect new research and findings regarding solar radiation and climate interconnections. Therefore, the scope of this Special Issue includes measurements, methods, and techniques that can provide advanced knowledge on how solar radiation (or solar energy) affects our climate (and consequently contributes to climate change) in both a negative and positive manner.

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Deadline for manuscript submissions

closed (31 March 2024)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/178114

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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