

## **Advantages, Risks and Implications of Solar Radiation**

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### ABSTRACT:

Solar radiation is one of the natural elements that mostly affects the environmental conditions on Earth, and it is indispensable for animal and vegetal life. The several bands of the solar spectrum can have at the same time positive and negative effects on humans. The visual interval consents vision and synchronization of circadian rhythms; ultraviolet radiation is responsible for vitamin D synthesis, but it also has adverse photobiological effects; the thermal content of infrared radiation can cause discomfort both in indoor and outdoor. The aim of this Special Issue is to collect research papers regarding the multiple aspects of solar radiation, highlighting the multidisciplinary approach that requires its study. The intent is to put in contact different visions of the same theme in order to open new perspectives of research. Review or research papers focusing on a single or multiple implications of solar radiation are welcomed.

