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Occupational Health and Safety: Outdoor Workers and Sun Exposure

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Deadline for manuscript submissions:
closed (31 May 2023)

Message from the Guest Editors

Dear Colleagues,

Outdoor workers are a risk category, since they are exposed to solar radiation (SR) everyday for many hours. Sun overexposure is responsible for adverse effects on the human body, such as damage to the skin and eyes, but exposure limits related to certain effects are still not defined, since they depend on many factors, including personal characteristics. Nevertheless, several methods have been proposed to define the amount of SR received by the body and guidelines have been provided by international organizations.

Sun exposure is highly variable as it is the result of many environmental factors, such as sky conditions, period of the year, time of day/night, latitude, altitude, albedo, etc. For this reason, exposure differs from one worker to another and the assessment of the received dose is personal; various methods for its estimation have been proposed in the literature, but the measure of the real dose is still an open issue. Personal protection is widely recommended, but often, outdoor workers do not use it.

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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