



Atmospheric Change and Impact on Health

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Message from the Guest Editor

Human health is vulnerable to changes in atmospheric composition. One of the most obvious effects is erythema, the well-known reddening of the skin caused by overexposure to ultraviolet (UV) radiation. Excessive exposure to UV radiation causes sunburn. Chronic exposure to UV radiation causes degenerative changes in the cells, fibrous tissue and blood vessels of the skin. UV radiation also accelerates skin aging.

Air pollution is another issue. Common air pollutants include carbon oxides, sulfur oxides, nitrogen oxides and particulate matter. Excessive exposure to air pollution causes respiratory and cardiovascular diseases. We are living in times of high environmental hazards, which threaten not only our ecosystems and humanity itself, but also the survival of our own planet.

This Special Issue focuses on UV radiation, ozone and air quality, and aims to enrich our knowledge for the environmental effects of these issues, in order to ensure a healthy life for future generations.





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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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