

Special Issue

Fire Emissions: Exposure Data and Potential Health Risks for Firefighting Forces and the General Population

Message from the Guest Editor

Fires release numerous hazardous pollutants (e.g., particulate matter, carbon monoxide, nitrogen and sulfur dioxides, metals, and hundreds of volatile organic compounds, including polycyclic aromatic hydrocarbons) and may affect the short- and long-term health and quality of life of the general population and of occupationally exposed workers, including firefighters. An increased number of respiratory and cardiovascular emergency admissions have been related to the occurrence of forest fires, thus increasing the healthcare burden of smoked-impacted areas. Firefighting forces also present an increased risk for the development of respiratory and cardiovascular diseases, as well as some cancers, in comparison with the general population. This Special Issue aims to publish original research and state-of-the-art reviews that address environmental/occupational exposure data to health-relevant pollutants released from (forest, structural, and industrial) fires and the associated health risks on exposed local populations and firefighting forces.

Guest Editor

Dr. Marta Oliveira

REQUIMTE/LAQV, Instituto Superior de Engenharia do Porto, Rua Dr. António Bernardino de Almeida, 4249-015 Porto, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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