

Special Issue

Firefighters' Occupational Exposures and Health Risks

Message from the Guest Editors

Firefighting activities include a combination of exposures, involving a highly complex mix of hazards such as smoke and combustion products, soot, physical exhaustion, hyperthermia and dehydration, exposure to chemicals, night work, noise and mental stress.

Firefighting exposures have been associated with cancer in humans, with sufficient evidence for causality (IARC 2022). Authors are warmly invited to submit original research papers and state-of-the-art reviews addressing the field of firefighters' occupational exposures and health risks. The topics of interest include, but are not limited to, the following: assessment of firefighters' exposure to health-relevant hazards; use of biomarkers to assess occupational exposure and associated effects; mechanisms of toxicity. All submitted manuscripts will go through a rigorous peer review process.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).