

Special Issue

The Toxicological Impact of Jet and Rocket Fuel on Human Health

Message from the Guest Editor

This Special Issue aims to provide a multidisciplinary approach to deepening our understanding of the toxicological properties of jet fuel and rocket fuel and their implications for human health. Inhalation exposure is a primary pathway for assessing the impact on human health. This Special Issue emphasizes the respiratory effects of inhaling fuel vapors, aerosols, and combustion byproducts. Additionally, it explores the effects of direct skin contact with jet fuel and rocket fuel, considering dermal absorption and potential adverse effects resulting from prolonged or repeated exposure. The environmental impact, including soil and water contamination, is a significant concern. Thus, this Special Issue also investigates air concentrations through direct measurements or modeling. It considers the potential ecological effects, including acute and chronic toxicity to human health from contaminated soil and environmental persistence. Overall, this Special Issue aims to advance our understanding of the risks associated with jet and rocket fuel, contributing to the development of safety protocols and environmental protection measures.

Guest Editor

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Deadline for manuscript submissions

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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 18.3 days after submission; acceptance to publication is undertaken in 2.3 days (median values for papers published in this journal in the second half of 2024).