

Special Issue

Confined Space Fire Safety and Alternative Fuel Fire Safety

Message from the Guest Editors

This Special Issue focuses on the critical areas of confined space fire safety and the emerging challenges posed by alternative fuels. It brings together cutting-edge research, practical insights, and innovative solutions to enhance fire safety in confined environments and address the unique hazards associated with alternative fuel sources. This issue explores advancements in fire prevention, detection, and suppression strategies tailored for confined spaces, considering the specific risks and limitations these environments present. Additionally, it delves into the fire behavior and suppression techniques for alternative fuels, such as biofuels, hydrogen, and electric vehicle batteries, highlighting the need for adapted fire safety protocols and firefighter training. By presenting a comprehensive analysis of these topics, this Special Issue aims to contribute to the development of safer practices, standards, and technologies for mitigating fire risks in confined spaces and managing the evolving challenges of alternative fuel fire safety.

Guest Editors

Dr. Peng Lei

Dr. Yulun Zhang

Dr. Jie Chen

Dr. Qi Zhao

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

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Editor-in-Chief

Dr. Grant Williamson
School of Biological Sciences, University of Tasmania, Private Bag 55,
Hobart, TAS 7001, Australia

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