

Special Issue

Performance-Based Design in Structural Fire Engineering, Volume III

Message from the Guest Editor

The growing interest in the performance-based design of structures in fire engineering presents a rational departure from the traditional prescriptive code approach. While performance-based methods are well-established in earthquake engineering, their adoption in fire engineering remains limited. This Special Issue seeks to address this disparity by providing engineers with essential knowledge and recent research developments in performance-based design for structural fire engineering. The topics of interest include fire development, dynamics, heat transfer calculations, capacities of structural and non-structural elements, fire-induced deformations and evacuation strategies. While submissions on various subjects are welcomed, we are particularly interested in studies focusing on structures within or near the wildland–urban interface, culturally significant structures and fires occurring outside structures (e.g., cladding fires). I cordially invite you to contribute a paper to this Special Issue.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Fire is an international open-access journal about the science, policy, and technology of fires and how they interact with communities and the environment. *Fire* seeks to provide a forum to help the fire science community convey how we can live with fire in a changing world. *Fire* seeks submissions from interdisciplinary studies that take a pyrogeography perspective of fires occurring in natural, cultural, and industrial landscapes and how they interact with communities in the science-policy interface. *Fire's* Editorial Board are widely recognized international leaders. The journal emphasizes quality and innovation and has a rigorous peer-review process. I strongly recommend *Fire* for the rapid publication of your innovative research publications and case studies.

Editor-in-Chief

Dr. Grant Williamson

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