

Special Issue

Wildfire Behavior and Risk: From Fundamental Research to Pioneering Modeling Approaches

Message from the Guest Editors

Wildfire regimes have shaped ecosystem dynamics in many bio-climatic regions of the world. There is evidence that climate, land use, and socio-economic changes are altering fire regimes and will affect future wildfire patterns in terms of frequency, size, intensity, and seasonality. Accurate predictions of wildfire behavior, spread, and risk are used by land managers and policy-makers to target and optimize prevention, management, and suppression activities and resources. In this Special Issue, we encourage the submission of manuscripts on any field of wildfire behavior and risk, including the effects of environmental factors on wildfire spread and hazards, the strategies for optimizing wildfire management, and the development of wildfire simulation and monitoring techniques and systems, along with new findings and insights that may contribute to expanding our knowledge of wildfire behavior and risk evaluation.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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