Special Issue

Forest Fire Regimes and Forest Fuels: Characterization and Modelling in a Climate Change Scenario

Message from the Guest Editor

Forest fire regimes and forest fuels are critical aspects of understanding and managing wildfire risk, particularly in the context of climate change. The Special Issue aims to explore the key points related to the characterization and modeling of forest fire regimes and forest fuels in a climate change scenario. Various modeling approaches were developed to understand and predict forest fire regimes and fuel dynamics in a climate change scenario. Additionally, fuel management strategies can be explored using modeling tools to assess the effectiveness of fuel reduction treatments in mitigating fire risks. It is important to note that the accuracy and reliability of fire regime and fuel models depend on the quality and availability of data, as well as the complexity of the ecological systems being studied. Continuous research, monitoring, and improvement of models are necessary to enhance our understanding of forest fire regimes and effectively adapt to changing environmental conditions. Any novel approach or comparison between different models will provide increased value to the scientific community, thus improving knowledge about this topic.

Guest Editor

Dr. Cristiano Foderi

Dipartimento di Scienze e Tecnologie Agrarie, Alimentari, Ambientali e Forestali—DAGRI, Università Degli Studi di Firenze, Via San Bonaventura 13, 50145 Firenze, Italy

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Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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