

Special Issue

Climate Change Effects on Forest and Peatland Ecosystems

Message from the Guest Editors

Forests and peatlands are essential components of the Earth's biosphere, playing a key role in carbon storage, water regulation, and biodiversity conservation. This Special Issue focuses on the effects of climate change on forest and peatland ecosystems. We welcome contributions that address greenhouse gas fluxes, carbon and nutrient cycling, vegetation responses, hydrological shifts, and feedback mechanisms between ecosystems and the atmosphere. We are particularly eager to publish studies focusing on long-term field observations, isotopic analyses (such as $\delta^{13}\text{C}$), remote sensing, and modelling approaches. In addition, we invite research exploring ecosystem adaptation, degradation, or transformation under climatic extremes, as well as innovative methodologies for monitoring and analyzing ecological change in forested and peat-rich landscapes. This Special Issue aims to bring together interdisciplinary work that advances our understanding of how forests and peatlands respond to climate change and supports strategies for their conservation in a rapidly changing world.

Guest Editors

Dr. Kamila Harenda

Laboratory of Bioclimatology, Department of Ecology and Environmental Protection, Faculty of Environmental and Mechanical Engineering, Poznań University of Life Sciences, 60-637 Poznań, Poland

Dr. Marcin Stróżecki

Laboratory of Bioclimatology, Department of Ecology and Environmental Protection, Faculty of Environmental and Mechanical Engineering, Poznań University of Life Sciences, Piątkowska 94, 60-649 Poznań, Poland

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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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About the Journal

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.

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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