Special Issue

Climate-Smart Forestry: Problems, Priorities and Prospects

Message from the Guest Editors

Improved forest management can sustain or increase carbon absorption and stock in forests, while the reduction of deforestation and forest degradation decrease greenhouse gas emissions. Climate-smart forestry (CSF) methodologies could be a useful approach for combining climate change mitigation actions with adaptation activities and through increasing forest resilience and providing ecosystem services, which respond to the needs of growing populations and improving human wellbeing. This Special Issue plans to provide an overview of the most recent achievements in studies devoted to climate change, its effects on forest ecosystems, and the challenges of carbon balance assessment. It aims to provide selected materials on achievements in the reduction or prevention forest disturbances, which can help to convert the carbon balance of forests from being sources of greenhouse gas emissions to net carbon absorbers. We invite papers based on studies in forest ecology and management, advanced silviculture, tree improvement and breeding, carbon polygons, forest conservation biology, dendrochronology, etc. Interdisciplinary studies are especially appreciated.

Guest Editors

Prof. Dr. Konstantin V. Krutovsky

Prof. Dr. Natalia V. Yakovenko

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Deadline for manuscript submissions

closed (25 July 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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