# Special Issue

# Climate Change Impacts on Forest Dynamics: Use of Modern Technology

## Message from the Guest Editors

Innovative technology and clever green applications in forestry are required to mitigate the growing effects of climate change and environmental degradation. The integration of advanced monitoring systems, artificial intelligence, and data analytics could optimize forest management techniques to promote sustainability and enhance the well-being of communities. Real-time forest monitoring, precision forestry, and sustainable resource extraction are made possible through smart green applications, which minimize environmental harm while optimizing financial gains. Adaptive management strategies that reduce deforestation, improve carbon sequestration, and protect important habitats become easier via these technologies. The main goal of this Special Issue is to present state-of-the-art research (and case studies) on sustainable forestry methods that successfully achieve a balance between ecological preservation and technical innovation. In order to guarantee that forests continue to be a vital component of environmental sustainability and societal well-being, the findings of the studies contributed here will help design future policies and actions.

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## Deadline for manuscript submissions

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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.

## Editor-in-Chief

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