Special Issue

New IoT Technologies for Monitoring Forests and Their Ecosystem Services

Message from the Guest Editors

In the era of Industry 4.0, artificial intelligence and wireless technologies are increasingly being implemented in many different sectors of society, mainly to optimize production processes and automation. However, a few applications are still addressing environmental challenges, in particular forest monitoring and ecosystem services. The scale of forest services is continuously growing, from new materials production to carbon sequestration, air quality, health, biodiversity, land protection, and hydrologic cycle regulation. Urban trees and their services are also becoming a prominent need of the new urban life. The proposed Special Issue will accept papers that contribute to develop new sensors and technologies for monitoring forest ecosystems components and services, including trees, wildlife, soil, and atmosphere. Papers that integrate individual monitoring components with large-scale Earth observation technologies and/or artificial intelligence/big data analysis are also encouraged.

Guest Editors

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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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