

# Special Issue

## Post-Fire Recovery and Monitoring of Forest Ecosystems

### Message from the Guest Editor

Due to the utmost importance of developing and implementing appropriate strategies for forest regeneration and recovery after fires via natural or assisted processes. This Special Issue aims to cover recent state-of-the-art research on burn severity, hydrological impacts, changes in plant and animal communities over time after forest fires, soil erosion, remote sensing, carbon sequestration, and biodiversity recovery, among others. High levels of biodiversity have been associated with complex early seral forests, called "snag forests", which are as biodiverse as old growth. A multitude of bird and insect species require high-severity burn patches of snag forests recovered from the green forests during a severe fire event. In this regard, this Special Issue also intends to cover biodiversity dependence on severely burned areas. Topics of interest include, but are not limited to, the following: the loss of topsoil due to weakened vegetation cover, the use of satellite images and drones to assess burn severity and monitor vegetation recovery, the restoration of ecological functions in burned areas, etc.

### Guest Editor

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Ministry of Environment and Water, Sofia, Bulgaria

### Deadline for manuscript submissions

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## Forests

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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.

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### Editor-in-Chief

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