Special Issue

Structure and Species Composition of Forests – Prospects and Challenges for Adaptative Forest Management

Message from the Guest Editors

Forests are facing natural and anthropogenic hazards on an unprecedented scale. Therefore, one of the most urgent challenges for forestry is to integrate measures undertaken for adapting to climate change and for mitigating the loss of natural biodiversity and to manage the consequences of these measures for society and local economies. Responding to this challenge requires the active role of all stakeholders in the forestry sector and the exchange of ideas and experiences. Nonetheless, solutions proposed from a local perspective have the potential to inspire planners and forest managers working with ecosystems formed by the same functional groups of species under similar natural hazards or climate change scenarios. Scientific papers from around the world dealing with examples of resilient forest structures from managed and natural forests, silvicultural techniques of adaptive forest management, hazard risk analyses, and the consequences of implemented solutions for commodity and non-commodity forest services are welcome.

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