

# Special Issue

## Modelling Forest Ecosystems

### Message from the Guest Editors

Forest ecosystems are complex systems in which biological, climate and geo-topographic factors interact to produce different patterns of species distributions and species colonization, growth and mortality rates. In addition, such natural complexity is combined with socio-economic factors. Hence, any tool that can simplify the study of these factors and their interactions and, at the same time, help to predict the effects of altering such factors would be of great help for scientists, technicians and decision makers. Models are such type of tool. Models can be used to know how the different parts that form a forest ecosystem work, but also to better understand the interactions among such parts. Even more importantly, models can help to predict possible future ecosystem states. Models can be used at a wide range of ecological, spatial and temporal scales, from simulating rapid ecophysiological processes at the leaf level to slow environmental changes at the continental level. This Special Issue will therefore be devoted to collecting results in the theory and application of forest models, with the aim of improving the understanding of forest ecosystems and their possible futures.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2022)



## Forests

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