

## Special Issue

# Forest Growth, Soil Properties and Climate

### Message from the Guest Editors

Site quality, genetic factors, and forest management are crucial to forest stand productivity. In physiographically homogeneous landscape units, soil quality, climate, and microclimate determine the variability of the physical environment and the productive potential of a forest ecosystem. In addition to its support function, soil is a source of water and nutrients for terrestrial plants. In turn, soil formation is a major service provided by forests to society. Furthermore, forests provide protection against erosion and excessive evaporation, promote water drainage and aeration, improve soil structure, and enrich the soil with organic matter and nutrients. Given the amount of biomass produced, forest soils are one of the largest carbon reservoirs on the planet. Only a deep knowledge of these mutual influences can guarantee the sustainable management of forest resources. This Special Issue focus on examples of these relationships, resulting from ongoing experiments in the scientific community. The contributions should also help to clarify the concept of forest soils, as well as the relative importance of each climatic factor in forest growth.

### Guest Editors

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Dr. Carlos A. Alexandre

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### Deadline for manuscript submissions

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## Forests

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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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