Structure Diversity and Productivity of Mixed Forests

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Message from the Guest Editors

Forest structural diversity provides a more detailed description of forest stands and is a significant component of a forest's structure. Forest structure diversity can be subdivided into three categories, i.e., tree species diversity, tree size diversity, and tree position diversity. Forest structural diversity often leads to increasing forest biodiversity and contributes to forest stability and integrity. Forest structural diversity is increasingly being recognized for its theoretical and practical importance in understanding and managing forest ecosystems.

This Special Issue aims to explore the forest structural heterogeneity, productivity and biodiversity in mixed forests. Studies that investigate the relationship between forest structure heterogeneity and forest productivity are strongly welcome. Additionally, we also welcome studies that predict forest structural diversity using remote sensing techniques. Potential topics include but are not limited to the following:

- Forest structural diversity;
- Forest growth models;
- Forest productivity;
- Forest biodiversity;
- Carbon sequestration;
- Quantified silviculture;
- Mixed forests;
- Uneven-aged forests.

Special Issue

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