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Adaptive Forest Management and Decision Making Models under Climate Change (Risk and Uncertainty)

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Message from the Guest Editor

Dear Colleagues,

Due to their long-term natures, forests are particularly affected by climatic changes. Natural adaptation processes are unlikely to keep up with the speed of climatic changes in the next few decades. Particularly, extreme climatic events, such as periods of drought or strong winds, can cause extensive damage, and they may also reduce inertia and create options for new successional trajectories. However, we are facing novel conditions at local or regional scales, which are likely to be translated into new qualities of forest ecosystems. The driving mechanisms that are already going on and are expected to control future forests need to be better understood.

We encourage studies including experimental studies, models, to contribute to this Special Issue in order to promote knowledge on adaptive strategies for the preservation, management, and future development of forest ecosystems. This includes, growth and yield models, decision making models and decision support systems.

Dr. Jordi Garcia-Gonzalo

Guest Editor



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Special Issue



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