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Planted Forests and Climate Change—Selected Papers from the IUFRO 125th Anniversary Congress

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Message from the Guest Editors

Dear Colleagues,

Planted forests are significantly affected by climate change. Plantations offer the opportunity to influence the regeneration process better than with natural regeneration. A better reactivity also means an increased responsibility of forest managers in a highly uncertain environment. We need to provide information to decision makers about the climatic uncertainties, the adaptability of genetic resources, the best management options to improve stand resilience and cope with future climate in a given area. In addition, we need to be able to quantify the risk associated to choices made in order to add value to empirical decisions. Thus, climate/site/genetic interactions have to be more accurately explored and infrastructures for research on adaptation to climate change need to be further developed.

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