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Climate Change and Forest Adaptation in Plantation

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Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

Being an essential component of the world's forest resources, planted forests alleviate the stresses placed on natural forests by timber production and play a significant role in forest landscape restoration, environmental amelioration and carbon capture to combat climate change. This Special Issue focuses on the specific research area of climate change and forest adaptation in plantations, and invites contributions on advances in our understanding of the impacts of climate change on plantations, and on possible solutions to enhance their resilience and adaptation to climate change.

- Case studies of global/regional climate change mitigation and adaptation in plantations;
- Tree species diversity and resilience in plantations attributed to climate change;
- Case studies of site-appropriate and climate-smart forest management approaches and practices in plantations;
- Mechanisms of the underlying ecology of forest resilience to climate change;
- Detected changes in plantations beyond the current knowledge;
- Scenario projection about the future of planted forest management using both known impacts and detected but unknown changes.



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Special Issue



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Message from the Editorial Board

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