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Response of Forests to Climate Change: Tree-Ring Analysis and Wood Anatomy

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Climate warming has important impacts on forest growth, structure, and function, as well as on productivity and carbon storage. For sustainable forest management, therefore, it is critical to understand the effects of climate warming on growth of trees and forests, as well as terrestrial forest ecosystem productivity using various approaches. Tree-ring analysis can provide insights on the seasonal/annual time scale, while wood anatomy and the micro-sampling approach allow us to obtain knowledge on a weekly time scale. We encourage authors of studies on tree-ring- or wood-anatomy-based studies from all fields, including experimental studies, monitoring approaches, and models, to contribute to this Special Issue in order to promote knowledge and strategies for sustainable forest management in the context of global change.

Dr. Jian-Guo Huang
Guest Editor



mdpi.com/si/92154

Special Issue



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