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# **Wood Chemistry in a Changing Global Environment**

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Deadline for manuscript submissions:

closed (29 December 2023)

## **Message from the Guest Editors**

Wood, a composite of holocellulose, lignin, and extractives, provides a record of past environmental and ontogenic effects throughout the life of a tree. Species-specific genetic and ontogenic factors influence the biosynthesis of wood formation and, by extension, its chemical composition. Tree-ring research is a dynamic discipline that encompasses dendrochronology, dendroclimatology, and more recently dendrobiochemistry by including treefeatures that can ring wood he measured Biomacromolecules have not been considered thus far. mainly due to limitations imposed by classical wet chemistry methods. Recently, precise quantification at the semi-micro level based on analytical pyrolysis has opened up the opportunity to perform this analysis. Analyzing tree rings formed under extreme events as well as annual rings from preceding and subsequent years used as a control group constitutes an efficient way to overcome limitations.

We welcome submissions on the effects of extreme weather events or any climatic change on the biomacromolecular content and/or composition of wood.











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## Message from the Editor-in-Chief

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