



## Synergies and Trade-Offs between Nature Conservation and Climate Mitigation in European Beech Forests

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### Message from the Guest Editors

With this Special Issue, we provide the floor to reconcile scientific and stakeholder controversies in order to put different views into a state-of-the-art scientific perspective. We focus on European beech (dominant and mixed) forests. Because beech is widespread, it has been replaced by other species such as the Norway spruce in many regions, and as it is affected by drought, it is currently being promoted as an adaptation to climatic changes. In addition, beech forests include priority habitats and species according to the EU's Flora, Fauna, and Habitats Directive. We aim to include studies addressing the entire breadth of the challenges: beech forest sensitivity as well as adaptation to climate change, beech forests as GHG sinks, beech wood technology and marketing, beech forest conservation and biodiversity studies and specifically integrated management for climate mitigation and biodiversity.

### Keywords

European beech  
*Fagus sylvatica*  
climate mitigation  
greenhouse gas  
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