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Fast-Growing Trees Species—Opportunities and Risks for Sustainable Agricultural and Forest Land Use Systems

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Message from the Guest Editor

Dear Colleagues,

Cultivation systems with fast-growing tree species are often discussed controversially in both science and practice. They are very diverse and pose opportunities as well as risks for land users and the surrounding ecosystems. Many different tree species and their varieties can be established on sites (usually) used for forestry; they can also be grown in short-rotation plantations (SRC) or in agroforestry systems (AFS) on agricultural soils. In most cases, the goals of the land users determine the choice of tree species and cultivation system, the rotation times, and their management. Thus, there is not only a large variety of management variants and technical and technological innovations, but also a large number of interactions with the surrounding ecosystems. In addition to the considerable effects on biodiversity in different landscapes, the tree–soil interactions also play an important role. For this reason, this Special Issue is intended to present new findings from science and practice in this broad field of fast-growing tree species cultivation in all its forms.



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Special Issue



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