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## Relationship between Forest Biodiversity and Soil Functions

Guest Editor:

**Prof. Dr. Flora Angela  
Rutigliano**

Department of Environmental,  
Biological and Pharmaceutical  
Sciences and Technologies,  
University of Campania "Luigi  
Vanvitelli", Caserta, Italy

Deadline for manuscript  
submissions:

**closed (1 January 2021)**

### Message from the Guest Editor

Dear Colleagues,

Forests represent a large reservoir of flora, fauna, and microbiological diversity. Forest functioning and stability primarily depend on a multilevel interplay between the above-ground community and soil. Forest biodiversity has emerged in the last decades as a fundamental determinant of ecosystem functions and associated services. Forest biodiversity, however, is increasingly threatened by land-use, land-use change, climate change, and other stressors. Soil plays a key role in ecosystem functions, acting as biodiversity pool, carbon sink, and, thus, as a climate driver.

This Special Issue will comprise a selection of papers reporting recent advances in research on relationships between soil functions and biodiversity in natural and seminatural forests, and in forest plantations, which aims to contribute to defining sustainable strategies of forest management that take care of soil resource and biodiversity conservation. Biotic and nonbiotic processes linked to soil functions, notably nutrient cycling, organic matter decomposition, and C sequestration, will be considered.

Prof. Dr. Flora Angela Rutigliano  
Guest Editor



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# Special Issue



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Forests Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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