

Special Issue

Root Adaptation to Environmental Changes

Message from the Guest Editors

Roots are crucial for plant survival, growth, and resilience in forest ecosystems, particularly as environmental stressors like climate change, land-use shifts, and soil degradation intensify. While aboveground plant responses have traditionally dominated research, the critical role of roots in water and nutrient uptake, soil biota interactions, and ecosystem stability is now gaining recognition. This Special Issue focuses on root adaptations to abiotic and biotic stressors in forest ecosystems. We welcome studies exploring physiological, morphological, and genetic responses to drought, nutrient limitations, soil disturbances, and mycorrhizal symbioses, as well as their role in maintaining ecosystem functions under changing conditions. Topics include root plasticity, root–soil interactions, and the influence of root traits on forest regeneration and resilience. Submit original research, reviews, or theoretical studies that advance understanding of root systems' role in supporting ecological resilience and forest sustainability.

Guest Editors

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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