

Special Issue

Patterns of Plant Species Diversity under Different Disturbance Regimes

Message from the Guest Editor

Plant species diversity influences forest functions and the ecosystems services they provide. Natural disturbances play an important role in the creation and maintenance of forest diversity. However, global change is expected to alter disturbance regimes, creating novel conditions for forest ecosystems and their diversity. Thus, a deeper understanding of how forest diversity relates to different disturbances across regions is required to anticipate the response of forest diversity to altered disturbance regimes. Particularly, there is an urgent need to understand how the diversity of canopy as well as understory taxonomic and functional species responds to altered disturbance regimes, how disturbances influence above- and below-ground diversity linkages, and whether forest resilience to disturbances depends on diversity.

Guest Editor

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