

Scaling up Functional biodiversity Research: from individuals to Landscapes and back

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Date(s)

le 11 décembre 2020

Lieu(x)

MSH - 4 rue Ledru à Clermont-Ferrand

En visioconférence avec Teams

Vendredi 11 décembre à 14h: Lionel Hertzog, chercheur au **Thünen Institute of Biodiversity**, Brunswick (Allemagne), nous présentera le séminaire intitulé "**Scaling up Functional biodiversity Research: from individuals to Landscapes and back**".

Forest managers increasingly recognize the importance of developing forestry practices that promote

multiple forest ecosystem functions and services. This can be achieved by diversifying forest stands but also by maintaining uneven age structure. However, landscape context can also affect the impact of these measures especially at higher trophic levels. In this context an observatory research platform was developed to explore the joint effect of tree composition and fragmentation on communities and ecosystem functioning across multiple trophic level. In this presentation I will synthesize the results from this platform presenting responses from the soil up to birds. Together these results show the importance of diversifying forest stands especially in highly fragmented landscapes.

<https://geolab.uca.fr/geolab/actualites/scaling-up-functional-biodiversity-research-from-individuals-to-landscapes-and-back>(<https://geolab.uca.fr/geolab/actualites/scaling-up-functional-biodiversity-research-from-individuals-to-landscapes-and-back>)