

Einladung zum Vortrag
im Rahmen des gemeinsamen Kolloquiums des Instituts für Biologie und
Umweltwissenschaften und des Departments für Neurowissenschaften

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Sustainable forest management in Europe - general concepts and present research

Past deforestations and modern forestry have changed the distribution of forests as well as their appearance substantially. Although the forest cover is increasing in many European countries, the areas that have no human activities remain small. This results into a lack of certain ecosystem services such as habitats for endangered species or climate change adapted regeneration. On that account regulations on sustainable forest management are on the rise, both on European (Forest Europe) and nationwide level (e.g. concepts of sustainable management of the German federal states). This includes, the 'maintenance of biodiversity', which is an important indicator for ecosystem stability. However, this criterium is based only on ten indicators of which only two are directly biodiversity related. Additionally, the description of the indicators is rather vague, leading to differing sampling protocols between countries. Therefore, we established a platform to collect data from scientific studies including multiple taxa to tackle issues of differing assessment protocols and vague indicators. This platform allows us to test common hypothesis on methods to increase and maintain biodiversity and to establishing improved indicators to give specific recommendations on sustainable forest management.

In this talk, I want to give you an idea on the political situation concerning sustainable forest management in Europe, sustainable management practices and the recent scientific efforts of the COST Action "Biodiversity of Temperate forest Taxa Orienting Management Sustainability by Unifying Perspectives (Bottoms-Up)".

01.06.2021, 16 Uhr s.t.

virtual room: <https://meeting.uol.de/b/gab-t5m-nmo-kvi>

Gastgebend: Prof. Dr. Gabriele Gerlach (AG Biodiversität und Evolution der Tiere), IBU

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