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**Visit date:**

**September 20, 2024**

**9:00-14:00**

Contact person UFZ/iDiv:

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**Program**

*The bus will take you from Halle **to the experimental station at Bad Lauchstädt**, which hosts the Ecotron, the MyDiv Biodiversity-Ecosystem Functioning Experiment and the Global Change Experimental Facility, run jointly by iDiv and the Helmholtz Centre for Environmental Research – UFZ. The bus will leave from Halle at 09:00. The **iDiv Ecotron** consists of 24 identical experimental units, the so-called EcoUnits, each of which can contain one to four independent ecosystems, separated above- or belowground, or both. The main objective of the iDiv Ecotron is to manipulate multitrophic diversity in above-belowground food webs and study the consequences for many ecosystem functions. The **MyDiv** experiment was set up in 2015 to test the main hypothesis that tree stands with a high species richness of trees and the presence of functionally dissimilar mycorrhizal types show the highest levels of ecosystem functioning. The **Global Change Experimental Facility (GCEF)** was established as part of the field research station of the Helmholtz Centre for Environmental Research in 2013. It is the first experiment that investigates the consequences of climate change on ecosystem processes in different land-use types on large field plots.*

*On site, the coordinators of the different platforms will welcome you with a short introduction on the past and ongoing projects. There will be some snacks and drinks for lunch. At 13:30 the bus will take you back to Halle.*

*The estimated participation fee for the excursion is approximately **10 €**.*

**Selected links:**

<https://www.idiv.de/en/research/platforms.html#61>

<https://www.idiv.de/en/research/platforms-and-networks/mydiv.html>

<https://www.idiv.de/en/research/platforms.html#9>

<https://www.ufz.de/index.php?de=39452>

<https://www.idiv.de/en/research/platforms.html#61>

