

PEATLANDS AND ECOSYSTEM FUNCTIONS

International Peatland Science Conference (iPSC)
18.09-21.09.2024
Freising, Germany

Description of the excursions on 21.09.2024

Please observe the following general instructions: Wear sturdy shoes and long, weather-appropriate clothing (including rain and sun protection). Only one excursion per person is possible. The cost of the excursion includes the bus transfer, a packed lunch, an excursion booklet and return transportation to Freising.

The realization of the excursion depends on a minimum number of participants. If this number is not reached, you have the option of registering for an alternative destination. For full-day excursions, please allow time from 8:00 to 18:00. More exact times will be announced.

Excursion 1: Experimental station Großkarolinenfeld and Koller- and Hochrunstfilze

This excursion will focus on large-scale seeding experiments (paludiculture), model wetland uses and trace gas measurements (Eddy, chambers). We will also learn about high-tech methods of rewetting and explore large-scale restoration projects. The excursion is a ground-level walk and lasts the whole day.

Excursion 2: Schechenfilz, Benediktbeuern and Kirchsee

This excursion will focus on large-scale, simple renaturation (Schechenfilz) and trace gas measurements (ICOS, Eddy) and will provide insights into biodiversity and vegetation. Nature conservation and tourism will also be discussed. This excursion requires a moderate hike, is not always at ground level and offers little protection from the sun. The duration is a whole day.

Excursion 3: Schwäbisches Donaumoos and Dattenhauser Ried

This excursion focuses on grazing (water buffalo), large-scale rewetting and paludiculture. Insights will be given into trace gas measurements (eddy covariance and manual measurements). The excursion is designed as a ground-level walk and will last the whole day.

Excursion 4: Bayerisches Donaumoos

This excursion concentrates on large-scale river valley peatlands with a focus on drained agricultural use and examines the potential for conflict and possible solutions. Knowledge will be gained on the topics of peatland loss, rewetting and value chains. The requirements are similar to a walk across a field and last the whole day.

Excursion 5: Bayerischer Wald

This excursion focuses on the renaturation and high-altitude peatlands, peatland renaturation and nature conservation. The excursion will take place in the Bavarian Forest National Park. There will be a hike with longer paths and inclines, and it will also be a longer day as the journey is long.

Excursion 6: Freisinger Moos and Viehlaßmoos

In the Freisinger Moos, the focus is on trace gas measurement (automatic measuring system), the establishment of paludiculture, near-natural peatlands and the use of the peatland by infrastructure. The excursion requires easy, short routes (partly over grassland) and lasts half a day.