



36th Congress of the
International Society of Limnology
7 – 10 August 2022 | www.sil2022.org

Canoeing on lowland River Spree while learning about our research



The lowland River Spree drains a catchment of 7000 km² including an area of lignite mining, flushes several reservoirs and shallow lakes. A 30 km part of this eutrophic river just upstream of Berlin is subject of our long-term research at IGB Berlin since 1987. This river section went through a regime shift from phytoplankton to macrophyte dominance during a period of gradually declining nutrient concentrations. Nowadays, macrophyte management (mowing) is performed by local authorities as flood protection, while water scarcity is an increasing problem due to flooding of mining lakes and decreasing precipitation. Increasing sulfate concentrations threaten drinking water production by bank filtration in downstream Lake Müggelsee.

During an easy canoe trip (total distance about 14 km) in boats with 3-4 people we will explore the river and its vegetation. The trip will be led by two IGB scientists (Jan Köhler, Sabine Hilt) and in regular breaks, you will learn about our research on River Spree and its flushed shallow lakes.

The starting point (Fürstenwalde) will be reached by train and a short walk (ca. 1 km). The lunch break will be a picnic (vegetarian food will be provided, but bring your own in case you have very specific intolerances). If weather allows, there will be the possibility for swimming. The tour along the Spree will finish in Hangelsberg at the location of the canoe hiring. From there, we will return to Berlin by train.

Bring rain gear, drinking water, dry clothes for changing afterwards, insect repellent, sun protection, swim suit and towel in case you want to have a swim and in general wear outdoor clothes. Specific experience is not required, but you should be able to swim. Life jackets and waterproof bags will be available. All your bags have to be transported in the boat, so don't bring laptops etc.



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Date: Thursday, 11 August 2022

Duration: 10:00 am -18:00 pm (approximate return time)

Number of participants: 6 - 40 participants max. In case we do not gather the minimum of 6 participants until June 15th, the tour will be cancelled.

Meeting point: Platform 1 of train station Ostkreuz in Berlin

For further questions about the trip, please contact the trip organizer: Sabine Hilt; Email: sabine.hilt@igb-berlin.de

Registration costs: 35.00 € per person

Included: Canoe trip, vegetarian lunch

Not included: Beverage

Deadline to register: 15 June 2022