

36<sup>th</sup> Congress of the  
International Society of Limnology  
7 – 10 August 2022 | [www.sil2022.org](http://www.sil2022.org)

## Lake Stechlin and the IGB LakeLab



*The IGB LakeLab in Lake Stechlin north of Berlin, Germany. The facility has been designed to conduct realistic experiments to assess impacts of global environmental change on stratified lakes. It consists of 24 enclosures, each 9 m in diameter and about 20 m deep, thus enclosing 1270 m<sup>3</sup> of lake water, or 30,000 m<sup>3</sup> in total.*

This excursion will take you to Lake Stechlin, a deep clear water-lake 80 km north of Berlin. The lake lends its name and the scene to a novel written by a famous 19<sup>th</sup> century German writer, Theodor Fontane. It is also home to an endemic whitefish species named after him (*Coregonus fontanae*) and, on its shore, to the Department of Plankton and Microbial Ecology of the Leibniz Institute of Freshwater Ecology and Fisheries (IGB). Long-term monitoring has been a pillar of research on the lake since the late 1950ies, with more comprehensive data being collected since 1993. Experiments on impacts of global change, conducted in a large enclosure facility, the IGB LakeLab, are a hallmark of recent research in the lake. See [www.lake-lab.de](http://www.lake-lab.de) for further information.

The bus will leave Berlin at 8:30 a.m. The first stop will be IGB to visit the LakeLab, which will involve a short boat trip and a presentation of the design and experiments conducted in the facility. Options for lunch are a lunch bag and several small restaurants in the nearby village, including an outdoor place run by the local fisherman. Costs for lunch are moderate. They are not included in the excursion fee. Lunch bags are the best choice for participants interested in a



36<sup>th</sup> Congress of the  
International Society of Limnology  
7 – 10 August 2022 | [www.sil2022.org](http://www.sil2022.org)

THE NEXT 100 YEARS:  
SENSING AND SAFEGUARDING INLAND WATERS

guided 12-km hike around the lake in the afternoon, which will take 4 hrs. The weather is expected to be warm and sunny but raingear is recommended. Solid hiking boots are required, although the terrain is mostly flat. Participants not interested in the hike can choose walking around a smaller lake (4 km distance), an afternoon on the beach or in the village, or a short bus tour to various other interesting natural sites in the area. These site visits require only short walks. The bus will leave Lake Stechlin at 5:30 p.m. to return to Berlin.

**Date:** Thursday, 11 August 2022

**Duration:** 08:30 am – 19:00 pm (approximate return time)

**Number of participants:** 20 - 40 participants max. In case we do not gather the minimum of 20 participants until June 15<sup>th</sup>, the tour will be cancelled.

**Meeting point:** Main entrance of Hotel Berlin, Berlin at 08:15 am

Address: Lützowpl. 17, 10785 Berlin

**For further questions,** please contact the trip organizer: Mark Gessner; Email: [stechlin@igb-berlin.de](mailto:stechlin@igb-berlin.de)

**Registration costs:** 36.00 € per person

**Included:** Round trip with bus, visit to the IGB LakeLab, short boat trip

**Not included:** Food and beverages

**Registration deadline:** 15 June 2022