



## International fieldwork

### *Włocławek Reservoir sediment quality and quantity*

02 – 09.12.2024

Włocławek, Poland



#### **A short introduction of the study area**

The creation of artificial reservoirs not only results in water retention by inhibiting water outflows, but also has serious implications on qualitative and quantitative changes in the circulation of matter and energy in the whole river system.

#### **Main scope of the fieldworks:**

1. Define hydrological conditions below Włocławek Reservoir
2. Describe soil assessment of the Vistula valley
3. Define geophysical assessment of the valley (landslides)
4. Assessment of sediment continuity in Włocławek Reservoir
5. Inventory of riverside areas in term of spatial planning

## Programme

### **1st day Monday / December 2<sup>th</sup>**

12.00 Start of fieldwork

12:00 – 14.00 Introduction to the study area of Włocławek Reservoir

14.00-16.00 Field reconnaissance / splitting up in groups  
19.00 Welcome dinner

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**2<sup>nd</sup> – 4<sup>th</sup> days / December 3 – 5<sup>th</sup>**

9.00-16.00 Start of fieldworks for all students groups

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**5<sup>th</sup> and 6<sup>th</sup> / December 6 – 7<sup>th</sup> (weekend)**

9.00-16.00 Field trip by ship on Vistula River

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**7<sup>nd</sup> – 8<sup>th</sup> days / 8<sup>th</sup> – 9<sup>th</sup> December**

9.00-14.30 Fieldworks for all students groups: A,B,C,D,E ,F,G

14.30-16.00 Closing session

16.00 End of the fieldworks

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*The programme might change due to weather conditions.*

**Field Lecturer:**

Group A - Soil Assessment

Jyoti Prakash HATI

- Soil hydrological and physical measurements

Group B - Geophysical assessment

Halina Kaczmarek

- Fieldspectrometer

Group C – Hydrology

Michał Habel

- Discharge measurements
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Group D – Sediment transport

Zygmunt Babiński

- Suspended sediment measurements

Group E – Navigation

Dawid Szatten

- Harbors and Marinas facilities

Group F – Inventory of riverside areas

Marta Brzezińska

- Field inventory

**Contact to organizers:**

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