

Description of Erssjön (lake)

Skogaryd Research Catchment

Erssjön is part of SITES Water and SITES AquaNet. The monitoring for SITES Water, including lake and stream sampling, is carried out in five of the stations catchments and therefore covers a gradient in aquatic biogeochemistry, e.g., nutrient concentrations, water color and catchment characteristics. The Thematic Program AquaNet offers experimental manipulations in five lakes with varying environmental conditions along a latitudinal gradient.



Picture: Erssjön. Photo: Bengt Liljebladh.

Location and lake information

Sampling point	Erssjön, Floating platform
Latitude (north)	58.371135
Longitude (east)	12.16135
Altitude	73 m a.s.l.
Lake area	0.061 km ²
Lake depth	Max.: 4.5 m - 5 m (alternating with water level)
Trophic status	Mesotrophic, humic
Additional	Dimictic, stable summer stratification with anoxic bottom water. Catchment is mainly covered with forest, with a minor share of peat and agricultural land underlined by granite bedrock.

Additional lakes in SITES Water

- Albergasjön (Abisko Scientific Research Station)
- Erken (Erken Laboratory)
- Feresjön (Asa Research Station)
- Stortjärn (Svartberget Research Station, Krycklan Research Catchment)

Additional lakes of SITES AquaNet

- Bolmen (Bolmen Research Station)
- Erken (Erken Laboratory)
- Feresjön (Asa Research Station)
- Stortjärn (Svartberget Research Station, Krycklan Research Catchment)

Additional information

Data is openly available on the SITES Data Portal: <https://data.fieldsites.se/portal/>

For lake specific data use Filter option Location = "Erssjön" on the data catalogue.

Contact & Support



SITES

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through

Skogaryd Research Catchment

<https://www.gu.se/en/earth-sciences/skogaryd-research-catchment-0>