Groundwater pH

![Graphs showing pH levels for different regions over time](image)

- N, E, W - regions of the monitoring program
- AR - arable crop (spring barley in region W and E, potato in region N)
- RG - rotational grass
- PG - permanent grassland

Fig. A1. Seasonal variations in groundwater pH at the eight monitoring sites; Fresh groundwater was sampled from piezometers at the paired sampling points during gas flux measurement campaigns (n = 3; the data shown represent mean ± standard error). The data set was incomplete due to resource limitations.

Groundwater electrical conductivity (μS cm⁻¹)

![Graphs showing electrical conductivity levels for different regions over time](image)

- N, E, W - regions of the monitoring program
- AR - arable crop (spring barley in region W and E, potato in region N)
- RG - rotational grass
- PG - permanent grassland

Fig. A2. Seasonal variations in groundwater electrical conductivity at the eight monitoring sites; Fresh groundwater was sampled from piezometers at the paired sampling points during gas flux measurement campaigns (n = 3; the data shown represent mean ± standard error). The data set was incomplete due to resource limitations.