

The UK Environmental Change Network

Data, monitoring and research to detect and interpret environmental change



We are the UK's long-term environmental monitoring and research (LTER) programme. We have been making regular measurements of plant and animal communities and their physical and chemical environment since the early 1990s. Our long-term datasets and sites support an interdisciplinary research community to increase understanding of the effects of climate change, air pollution and other environmental pressures on UK ecosystems.

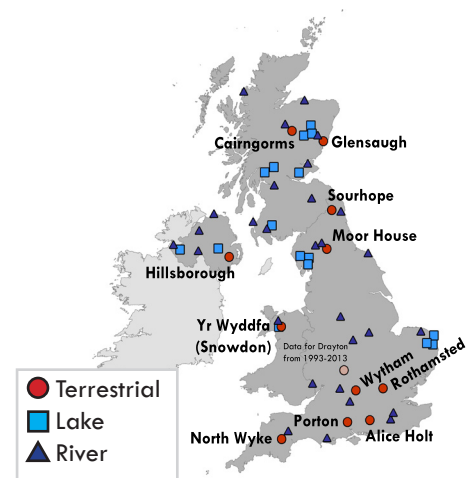


What is ECN?

ECN is network of sites spanning the UK where we conduct environmental monitoring using standard methods. There are currently 11 terrestrial sites in the network, and data are also collated from a wider network of lake and river sites. Together the sites cover a wide range of upland and lowland habitats including moorland, chalk grassland, woods and forests, farmland, small ponds and streams, large rivers and lakes.

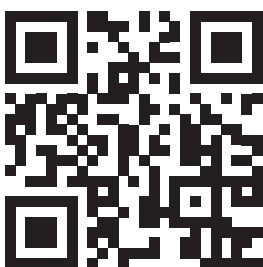
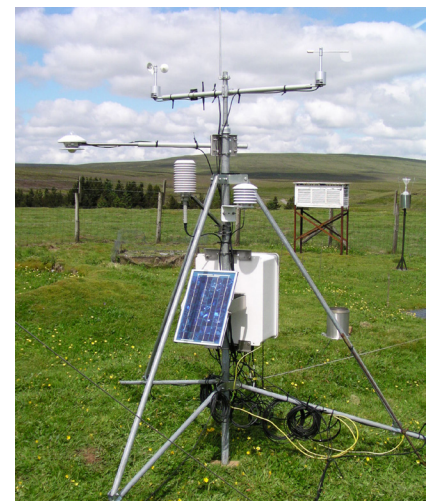


ECN is the UK member of the International Long-Term Ecological Research Network (ILTER) and of LTER-Europe.



ECN data are available to all

Our measurements include the chemistry of water, soils and air; weather and climate; habitats, plants and selected invertebrates and vertebrates. We've been making measurements since 1992, and our long-term datasets provide a unique insight into how and why our environment - and the species it supports - is changing. ECN datasets are freely available via our website to support research, teaching, policy- and decision-making. The wealth of data and information available for our sites makes them excellent locations for environmental research.



Why not find out more?

Scan the QR code, visit our website or contact Andrew Sier: arjs@ceh.ac.uk

ecn.ac.uk

Find us on Bluesky: [ukecn.bsky.social](https://bsky.app/profile/ukecn.bsky.social)

ECN is a multi-agency programme sponsored by: Agri-Food and Biosciences Institute, Biotechnology and Biological Sciences Research Council, Department for Environment, Food and Rural Affairs, Defence Science Technology Laboratory, Environment Agency, Forestry Commission, Natural England, Natural Environment Research Council, Natural Resources Wales, Northern Ireland Environment Agency, Scottish Environment Protection Agency, Scottish Government, Scottish Natural Heritage and the Welsh Government. A full list of ECN sponsors and research partners is shown on the ECN website
ECN is coordinated by the UK Centre for Ecology & Hydrology

