

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 make regular measurements of plant and animal communities and their physical and chemical environment. Our long-term datasets are used to increase understanding of the effects of climate change, air pollution and other environmental pressures on UK ecosystems.

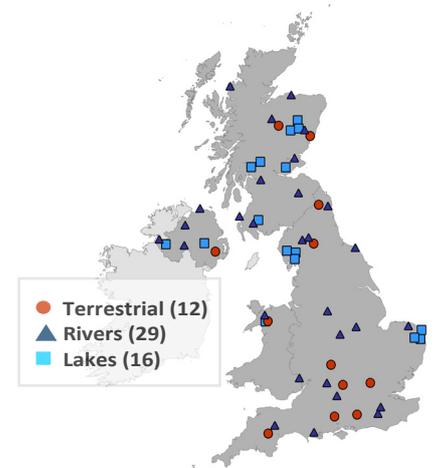


WHAT IS ECN?

ECN is network of sites spanning the UK where we conduct environmental monitoring using standard methods. There are currently 12 terrestrial sites and 45 freshwater sites, covering 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. All our data 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.

www.ecn.ac.uk

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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 NERC Centre for Ecology & Hydrology.