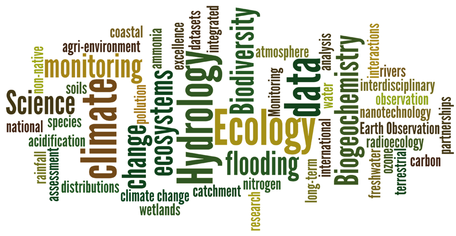
Centre for Ecology & Hydrology

NATURAL ENVIRONMENT RESEARCH COUNCIL



ENVIRONMENTAL MONITORING AND OBSERVATION

CEH provides national capability in long-term monitoring to enable accurate modelling and prediction – vital for evidence-based policy making.

Major custodian of environmental data

- Long-term datasets – some go back 190 years
- Over 180 monitoring sites, covering diverse ecosystems
- Coordinating and managing data collected by volunteers – 150,000 hours annually

Nationwide monitoring networks

- Air quality monitoring
- Biological Records Centre
- Carbon catchments
- Countryside Survey
- Environmental Change Network
- Freshwater observatories
- National River Flow Archive

And many more...

Evidence to support policy

- UK pastureland deemed safe from effects of Icelandic volcanic ash
- Fate and safety of nanomaterials in the environment being determined
- Long-term monitoring at Loch Leven underpinning £4m investment in the community's catchment plan

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