

# Webinar Series



## Constructing a Digital Environment

**Theme: Data for Decision Making**

**Title: “Virtual labs and digital environments: can virtual lab technology support a paradigm shift towards a more open, collaborative and integrative environmental science?”**

**Prof. Gordon Blair, Lancaster University and Dr. Michael Hollaway, UKCEH**

**Time: Thursday 20th May, 3-4pm**

**Registration: [ukri.zoom.us/webinar/register/WN\\_EVrZVMQOQP-WLMtax9kaPA](https://ukri.zoom.us/webinar/register/WN_EVrZVMQOQP-WLMtax9kaPA)**

Gordon Blair is a Distinguished Professor of Distributed Systems in the School of Computing and Communications, Lancaster University. He holds a prestigious EPSRC 5-year Senior Fellowship investigating the role of digital technology in living with environmental change (DT/LWEC) and is also co-Director of the Centre of Excellence in Environmental Data Science (CEEDS), a joint initiative between Lancaster University and UKCEH. The seminar will also feature a live demo by Mike Hollaway of a particular virtual lab in action (DataLabs). Mike is a Senior Data Scientist at UKCEH and focuses on leading and contributing to the development and application of novel data science methods to different environmental science challenges. He works on the Data Science of the Natural Environment (DSNE) project, which utilises virtual labs to bring data scientists, environmental scientists and computer scientists together in one platform to seamlessly collaborate and share various data and analytical methods.



Gordon Blair



Mike Hollaway

The **NERC Constructing a Digital Environment (CDE) programme** is running a series of online Webinars, aiming to develop the digitally enabled environment, benefitting scientists, policymakers, businesses, communities and individuals. The webinar series seeks to showcase the latest expertise in digital technology and methodologies applied to the environment, illustrating ‘the arc’ from data gathering, its management and

curation, analysis and presentation to decision makers, covering topics such as distributed networks of sensors, new sensor technology, novel forms of data informatics (e.g. data lakes, data cubes), data analytics, uncertainty, data labs, apps, skins and tools to support decision makers across the society.

**[digitalenvironment.org/cde-webinar-series](https://digitalenvironment.org/cde-webinar-series)**

