# Webinar Series

## Constructing a Digital Environment

**Topic: Sensing the Environment**
**Speaker: Dr. Kirsty Pringle**
**Time: Friday 30 September 11:00 GMT**
**Registration and further details:**

https://ukri.zoom.us/webinar/register/WN_9odfE46BQI63U0wTm24Gzg

Dr. Kirsty Pringle is an atmospheric scientist with an interest in air pollution, climate, citizen science and open data. For 10 years, she worked at the University of Leeds developing and testing atmospheric models. She recently moved to the University of Edinburgh where she is project manager for the Software Sustainability Institute, an organisation that works to promote good software practices to facilitate research.

This talk will summarise some of the highlights (and lowlights!) from two ongoing citizen science projects; *BiB Breathes* in which children measure air pollution during the school commute and *Homes Under the Microscope* in which the public collect samples of airborne microplastic in the home.

The **NERC Constructing a Digital Environment (CDE) programme** is running a series of webinars aiming to develop the digitally enabled environment, benefiting scientists, policymakers, businesses, communities and individuals. The webinars seek 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 its presentation to decision makers. We've covered 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, all to support decision makers across society.

https://digitalenvironment.org/cde-webinar-series