

# Webinar Series



## Constructing a Digital Environment

**Topic: Making old data more useful**

**Speaker: Dr Elizabeth Kent, National Oceanography Centre**

**Time: Friday 10th June 11:00**

**Registration and further details:**

[https://ukri.zoom.us/webinar/register/WN\\_9odfE46BQI63U0wTm24Gzg](https://ukri.zoom.us/webinar/register/WN_9odfE46BQI63U0wTm24Gzg)

Historical data archives are being expanded with newly-collected and newly-digitised surface marine observations. This talk will discuss the steps that are needed to make sure these data can be fully integrated into the existing data systems for climate applications.

Climate data is most often used as data products rather than raw observations – methods to construct these products work best when detailed information about the observations, and the conditions under which they were recorded are available. Data systems that can retain or generate rich descriptions of the observations are key to quantifying uncertainty and estimating any bias adjustments needed. Improving data systems is therefore a necessary step toward improved climate data records.



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 fifth seminar series covers efforts to augment the range of data that are available for use in environmental research by harness existing sources of data sources in various forms in innovative ways. This includes data digitisation, data rescue, and repurposing of data to enable use for new purposes beyond their original application. The webinar series will cover activities spanning each of these efforts, which are enabling new value to be delivered from existing sources of data.



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