

# Webinar Series



## Constructing a Digital Environment

**Topic: RETINA – Dynamic monitoring, reporting and verification for implementing negative emission strategies in managed ecosystems**

**Speakers: J Yeluripati and team**

**Time: Friday 24<sup>th</sup> February 11:00GMT**

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

Soil carbon sequestration is one of the most natural ways to implement negative carbon emission. Successful implementation of land based negative emission technologies requires continuous monitoring. This can be achieved by field based sensors, remote sensing, and/or smartphone apps and integration of models on cloud platforms to confirm management practice effectiveness. In this project, a cloud based platform will be developed that combines new developments in sensor based technologies with cloud based model simulations.



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.



<https://digitalenvironment.org/webinars/cde-webinar-series-upcoming/#RETINA>

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