

Webinar Series



Constructing a Digital Environment

Topic: OpenGHG – A community platform for greenhouse gas data science

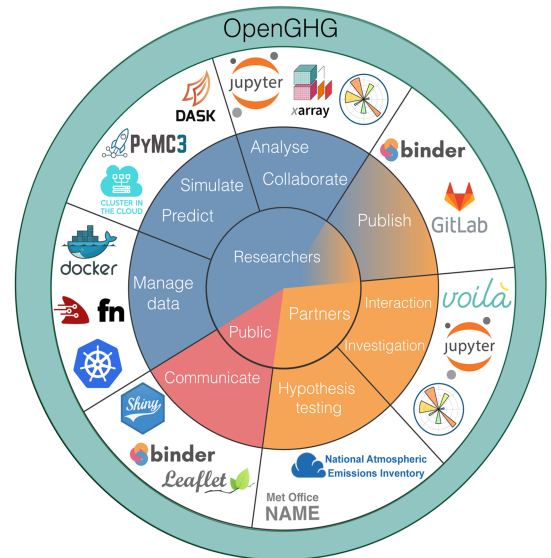
Speakers: Matthew Rigby, Rachel Tunnicliffe, Gareth Jones

Time: Friday 21st October 2022, 11:00 GMT

Registration and further details: [Webinar Registration - Zoom](#)

Evaluating the emission trends of greenhouse gases (GHGs) and ozone-depleting substances (ODS) is critically important for the management of, and adaptation to, changes in climate.

OpenGHG is an open-source, cloud-based platform for researchers to create and share their data and analysis methods. This talk will describe how the OpenGHG team tackled the challenges associated with creating open and reproducible scientific workflows, standardisation of disparate data and models, and engaging the public and stakeholders with greenhouse gas data.



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>