ESMValTool Tutorial and Workshop at the NCEO/CEOI Annual Conference, Nottingham

With the recent availability of Earth System Model data from the latest Couple Model Intercomparison Project (CMIP6) on CEDA servers in the UK, tools to easily access and scientifically analyze this data are becoming increasingly important.

The **ESMValTool** (https://www.esmvaltool.org/) is an open source evaluation and analysis tool for Earth System Models (ESMs), gaining popularity in the international model evaluation community. We invite you to participate in the ESMValTool Tutorial to be conducted at the NCEO/CEOI Annual Conference in Nottingham.

Date and Location : TBD
Duration : Half a day

ESMValTool is

- a **diagnostic and performance metrics** tool
- a tool to evaluate **models vs observations**, **models vs models**, different **versions of the same model**
- **community developed and maintained**
- **open source**
- flexible – allows **multiple languages** for diagnostic development (R, NCL, Python, Julia)

In this tutorial we will help you learn to install the ESMValTool and run basic diagnostics with the tool on CEDA's JASMIN server (http://www.jasmin.ac.uk/). Interested participants **must register** to attend the tutorial. Registered participants will be required to complete a few preliminary actions before the tutorial (setting up accounts and such) to ensure they get the most out of the tutorial. Details and support will be provided well in advance to complete these actions.

For any questions or more information on the tutorial, contact Ranjini Swaminathan (r.swaminathan@reading.ac.uk)

We hope to see you there!

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