

# ESA Climate Modelling User Group (CMUG)

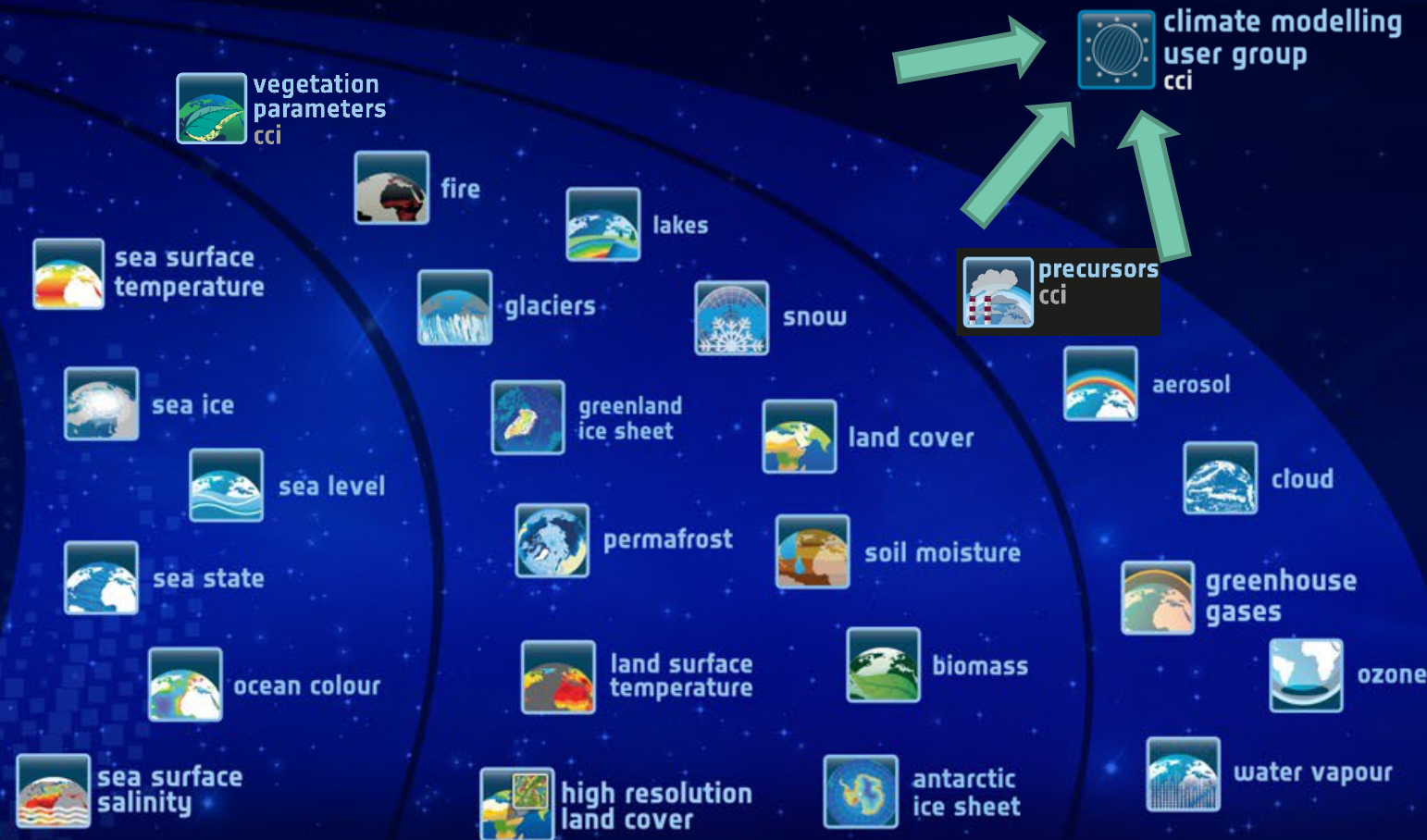
Simon Pinnock, ESA Climate Office, Harwell UK  
simon.pinnock@esa.int



Max-Planck-Institut  
für Meteorologie



# ESA Climate Change Initiative projects



climate change initiative

Oceanic



Terrestrial



Atmospheric

Research Fellowships

Open Data Portal

Toolbox

Tablet App

Education Resources

## 1. Integrating the climate model and observations communities

## 2. Scientific studies

- Test the use of multiple CCI ECVs in climate modelling studies
- Provide user feedback to the ECV producers on quality, consistency, and usefulness

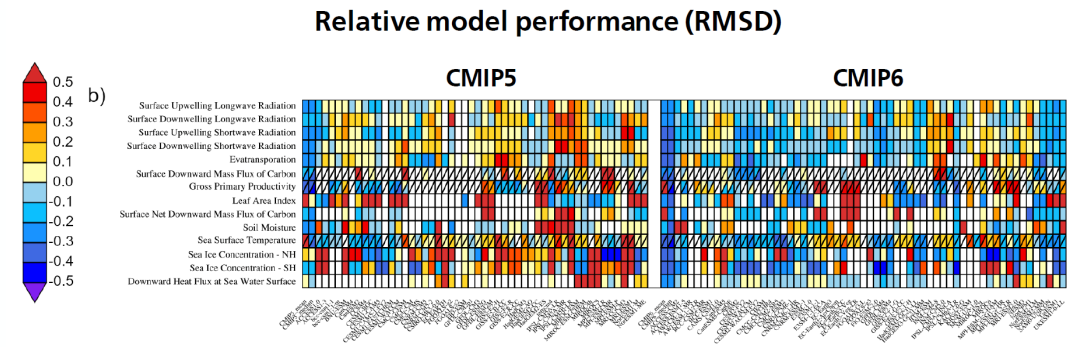


## 3. ESMValTool

- Integrate CCI ECVs into a community tool for climate model evaluation

## 4. WCRP obs4MIPs

- Provide ECVs in a format closely aligned with CMIP model data and host them on the CMIP archive (ESGF)



From: IPCC AR6, Chapter 3, Fig. 42

