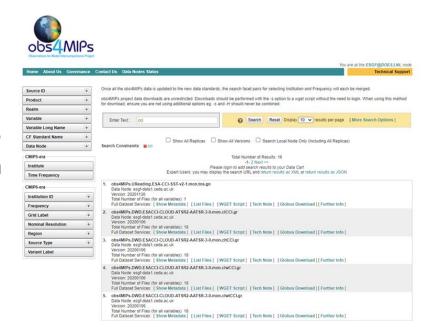




=> Observations for Model InterComparisons Project

- Activity to make observational products more accessible for climate model intercomparisons.
- Designed to be closely aligned with CMIP.
 - Obs4MIPs datasets should align with a field output in one or more of the CMIP experiments.
 - Data are made available via Earth System Grid Federation (ESGF).



Climate Modelling User Group

CMUG | 25-07-2018 | Slide 2



























Requirements on data



- peer reviewed dataset, with measurement source, construction methodology, calibration/validation and uncertainty described in one or more peer reviewed publications.
- Gridded data
- Variable is a match to a CMIP variable (or can be derived from)
- Data are in specific Obs4MIPS format (CMOR)
- Has an accompanying technical note (in a specific format)
- DOI's are assigned to the data / tech note

Approval for dataset needed from Obs4MIPs Task Team













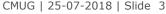














CCI data in Obs4MIPs



Current CCI ECV's with data published to Obs4MIPS:

- cloud
- SST
- greenhouse gases
- Aerosol
- + other datasets in preparation....



Climate Modelling User Group CMUG | 25-07-2018 | Slide 4



































How can we help?



- Provide help and advice throughout the process
- Liaise with Obs4MIPs as needed
- Reformat suitably gridded data into Obs4MIPs compliant format
- Assign DOI's and publish to ESGF (via Open Data Portal, under CCI KE)





Climate Modelling User Group















CMUG | 25-07-2018 | Slide 5



Steps for Obs4MIPs publication



https://ccidatapreparation.readthedocs.io/en/latest/index.html

- 1) Submit a proposal to the Obs4MIPs Task Team
- 2) Prepare suitable data e.g. regrid if required (e.g. 1x1 degree monthly)
- 3) Format the data into Obs4MIPs format (CMUG)
- 4) Prepare a technical note for the data
- 5) Submit the data and the technical note to the task team for review
- 6) Assign DOI's (Open Data Portal)
- Publish the data to ESGF (Open Data Portal)





Climate Modelling User Group



























Please contact me for any:

- Obs4MIPS questions
- + Any other data related queries e.g. datasets for the Open Data Portal,
 CCI data standards

Email: alison.waterfall@stfc.ac.uk





Climate Modelling User Group



























