

## Summary of the Technical ESMValTool Coding Workshop

The 5th Technical ESMValTool Coding Workshop took place at DLR Oberpfaffenhofen (Germany) from 14-17 October 2019 with 20 participants from U Bremen, NLeSC, MPI Jena, U Hamburg, BSC, LMU, U Reading, IPCC WG1 TSU, SMHI, and DLR. The main goal of the workshop was to advance preparation of the upcoming v2.0 release of the software. Specifically, the workshop included the following topics:

- Getting diagnostic branches ready for merging
- Handling of open pull requests (ESMValCore, ESMValTool)
- Handling of different vertical coordinates in CMIP6 (hybrid level)
- CMORization of observational data (e.g. unify ERA5 cmorizers)
- Naming convention of CMIP3 data
- Complete documentation
  - Identify and fill existing gaps
  - Sort (by title) and group (by theme) scientific documentation of diagnostics
- Merging strategy for the “EMAC quicklook” branch (import capability of native EMAC output and run-time monitoring features)
- Complete set of fix files for CMIP6 models

In addition, a draft roadmap for the ESMValTool development has been created and added to the ESMValTool website to make the ongoing development activities more visible and transparent.



Participants of the ESMValTool Technical Coding Workshop at DLR Oberpfaffenhofen, October 14-17, 2019.

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