

DCPP and WMO LC-ADCP on forcings for GCMs

- Annually updated historical forcings and how they merge into scenarios
 - Used for decadal predictions & updated hindcasts
 - Large Ensembles with Single Forcings for attribution
- We do not want to be using 10-year out-of-date scenarios in our predictions and single forcing runs
- Need to annually adjust future scenarios to smoothly continue the latest historical forcings
 - Ready to use at the end of the year – preliminary estimate is acceptable
- Adding an extra year of forcings or updating whole historical period?
 - Cannot re-run 1000s of years of integration.
 - Clear meta-data if whole period – DCPP need to specify version in protocol (summer 2025)
- Can CMIP7 forcings be used for CMIP6 models? Can historical and future scenarios be used together?
 - If not, how can this be mitigated? Transparency needed!