



WDAC-2

Report to WMAC-2

Brasilia May 26, 2013

WCRP Data Advisory Council (WDAC)

Mission

- act as a single entry point for all WCRP data, information, and observation activities with its sister programmes,
- coordinate their high-level aspects across the WCRP,
- ensure cooperation with main WCRP partners such as GCOS, CEOS, CGMS and other observing programmes

WDAC works with the WCRP Modeling Advisory Council to promote effective use of observations with models and to address issues related to the coordinated development of data assimilation, reanalysis, Observing System Sampling Experiments, fluxes and paleoclimatic data and their assessments (metrics, *etc.*).

At JSC-33 WDAC reported on...

Topic	Recommendation
SCOPE-CM	Broader WCRP core project participation
ECV Inventory	GOSIC/ CEOS/CGMS Harmonization
Obs4MIPS	Broader contributions from WCRP core projects
Reanalysis	WCRP Workshop in 2014
Miscellaneous	e.g., non-physical ECVs, WMO/GCW, DOIs, webpage linkages, GCOS/TOPC



WDAC-2 Overview

- Inventories
- Reanalyses and fluxes
- Data requirements, assimilation, etc.
- Dataset assessment, best practices
- Earth System Grid, obs4MIPs, ana4MIPs, etc.
- WDAC Business

Meeting Focus: Essential tools

- Discovery: joint inventories
- Seamlessness: data grid
- Standards: conventions
- Data Mining: intelligent archives
- QC&QA: assessments
- Evaluation: metrics, bias identification



Topic	Outcome
SCOPE-CM	Pilot phase completed; broader participation in Phase 2 – starts 1/2014
ECV Inventory	GOSIC / CEOS/CGMS Harmonization joint tool – CEOS SIT supportive – in situ QA/QC by GCOS panels?
Obs4MIPS	Established WDAC Task Team (TT) to advise on *4MIPS activities
Reanalysis/Fluxes	Agreed to continue planning of WCRP Workshop in 2014; develop TOR for a TT
Dataset Quality Assessment	GEWEX to provide a short white paper on best practices; circulate to WCRP core projects first, then wider distribution
WMO Rolling Requirements Review	Considerations concerning long term stability and additional granularity are needed
GCOS Review	WDAC represented WCRP at 1 st Meeting in March 2013
WDAC-3	Galway, Ireland – April 2013

WMAC Collaboration

- Seamlessness: data grid - *MIPS TT
- Reanalysis/Fluxes Workshop - TT
- QC&QA: assessments
- Evaluation: metrics, bias identification
- OSSE: network design for climate observations
- Critical Datasets: model comparisons