

WMAC

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WMAC co-chairs

To be or not to be

- WDAC started from a successful predecessor in WWOAP
- WMAC starts from a failed attempt at coordinating modelling in WMP

JSC expectations

- Not enough time and expertise in JSC to deeply discuss modelling issues
- WMAC to serve as an extension to the JSC to have those discussions and provide advice in all directions
- Identify gaps and duplication and instigate efforts to remedy them

Community expectations

- Questionnaire was sent to all participants
- WMAC - What is it good for?
- Perceptions and worries at the start
 - Will be top-down and prescriptive
 - More work, no gain
 - Coordination is well handled in existing structure

WMAC role

- Role of WMAC is mainly advisory working with all modelling groups
- Main responsibility for working-level coordination must remain with the individual groups
- WMAC as a forum for discussion and communication between the groups
- BUT: WMAC should also identify and promote priority areas, as the community is already overstretched

Activities

- Promote model development
 - e.g., facilitate sharing of model development experience between groups through workshops but also online tools
- Model evaluation
 - e.g., promotion of new diagnostic techniques to link model error to process deficiencies
- Model application
 - e.g., assessing and communicating limitations and uncertainties
- Communication
 - e.g., white papers and synthesis papers on issues relevant to the Grand Challenges, e.g., model biases, ...

Some practical ideas

- Summer schools on model development
- Prizes for model developers
- Gap: Tropospheric dynamics largely absent from WCRP, yet climate change will largely manifest itself as a circulation change - hold a workshop to attract community?
- A workshop on model development and tuning?

Practical issues

- Membership
 - should be mostly ex-officio to ensure right expertise is present at meetings
- Meetings
 - One day at JSC is fine for now
 - Preference for a day after project and WG reports

Questions?