

GIFS TIGGE/ PDP WGs

Second Joint Meeting

Original: ENGLISH

Montreal, Canada
18th August, 2014

DRAFT MEETING REPORT

1. Organisation of the meeting

1.1 Aims of the meeting

Richard Swinbank introduced Paolo Ruti the recently appointed Chief of the WMO World Weather Research Department (WWRD) who then outlined some recent work he has been involved with including regional modelling, coupled systems, the AMMA project and organising the first European project on climate services. He wished the meeting every success as it developed further plans for the merger of the two THORPEX WGs.

Dr Swinbank noted that the aims of the meeting were to

- Tidy up any 'loose ends' from the GIFS-TIGGE and PDP WG meetings.
- Make the final preparations for the new PDEF WG.

1.2 Adoption of the agenda

The agenda was agreed

1.3 Working arrangements

Agreed

2. Reports and actions from previous meetings

2.1 Action items from the joint PDP/GIFS-TIGGE meeting held at the WMO in March 2014

The actions from the joint meeting in March 2014 were completed apart from the following two,

J.7.1 On the agenda

J.7.3 On the agenda

2.2 Other outstanding actions from GIFS-TIGGE and PDP WG meetings

It was agreed that the five permanent actions of the GIFS-TIGGE WG should be carried forward to the new PDEF WG and, if appropriate, delegated to the TIGGE panel.

From the 12th meeting of the GIFS-TIGGE WG the following actions were briefly discussed, Action 12.3.3 Underway. ECMWF will liaise with NCDC to progress this action.

Action 12.3.4 Completed

Action 12.4.1 Underway

Other actions have been completed.

In reviewing actions from the 5th meeting of the PDP WG, held in 2012, it was noted that Action PDP 5-7 has not yet been addressed. It was agreed to hand this over to the new PDEF WG which would review whether it is still relevant. In the meantime ECMWF agreed to find out what CBS is doing concerning precipitation verification in sub-Saharan Africa.

Action M.2 1: David Richardson to check which regions are going to be included in the CBS precipitation forecast verification work.

3. Next steps towards the PDEF Working Group

3.1 Terms of Reference

An amendment to the TORs (terms of reference) suggested by the THORPEX EC was discussed but not adopted. The TORs will be presented to the joint ICSC and SSC meeting in November as they are.

3.2 TIGGE panel TOR

These were drafted by Richard Swinbank with assistance from Masayuki Kyouda and David Richardson. It was emphasised that the panel would just deal with the technical aspects of co-ordination concerning the TIGGE archives and work mainly by email. Any policy or higher level issues would be dealt with by the PDEF WG. The detailed TORs were then discussed. Members were invited to send any further comments to Richard Swinbank

Action M.3.1: Comments on the draft TORS for the TIGGE panel to be provided to Richard Swinbank and David Richardson by the end of September.

It was agreed that TIGGE LAM should be recognised explicitly in the TORs. At present LAM EPS data is being routinely archived at ECMWF for ten European models. The situation regarding archiving of Asian data in China is unclear and requires confirmation.

Action M.3.2: Gong Jiandong is asked to inform the members of both WGs about what TIGGE LAM data is currently archived by CMA and especially whether LAM data from other countries (e.g. Japan, Korea etc.,) is included.

Action M.3.3: David Richardson and Tetsuo Nakazawa to draw up a list of the TIGGE archive contact points who would become members of the future TIGGE panel.

3.2 Membership

Richard Swinbank and Craig Bishop have been compiling a list of possible members of the new PDEF WG. The range of expertise that the new group needs, the identified scientific challenges, the desire to bring some fresh people into the group, the requirement to have representation from the operational centres and academia and the importance of achieving both geographical and gender balances all need to be taken into account. Discussions were ongoing with the current and future Chairs of the WWRP SSG.

3.3 First meeting of the PDEF WG

It is expected that the first meeting of the group, at the invitation of Sarah Jones, will be in conjunction with the PANDOWAE workshop scheduled for May 2015 in Karlsruhe.

4. Links with the THORPEX legacy projects

4.1 HIWeather project

This project is now approved by the WMO. Data management and archiving have been added as a new cross-cutting theme. An important role for PDEF is to advise the HIWeather project about how it can benefit from TIGGE/TIGGE-LAM. For example, two important possible functions for TIGGE-LAM are.

- Providing data for specific RDPs/FDPs
- Acting as a useful data base for predictability studies.

The TIGGE and TIGGE-LAM archives could be used to investigate cases in which ensemble members predicted extreme events that did not occur as well as the evaluating the skill of predicting extreme historical forecast events.

4.2 S2S project

Useful links to this project need to be further investigated. The project has its own archive at ECMWF which is presently being populated.

4.3 Polar prediction project

Probably the most fruitful areas for collaboration and support are sea ice prediction and the development of coupled systems. The PDEF should also be prepared to include new parameters in the TIGGE archive, especially to support the YOPP.

5. Research work

5.1 Relevant WWOSC white papers

The draft papers are on the conference website at the moment and will eventually be transferred to the WMO website.

6. Any other business

None

7. Review of meeting outcomes

7.1 Review of actions and decisions

The actions from the meeting were reviewed and agreed.

Summary of the actions from the second joint meeting of the GIFS-TIGGE and PDP WGs

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