

Minutes of the 2nd Teleconference of ET-WDC

(2011-11-23 13:00-15:15 UTC)

Participants:

Jörg Klausen (MeteoSwiss, GAWSIS, Chair), Geir Braathen (WMO), Ed Hare (Env Canada, WOUDC), Hiroshi Koide (JMA, WDCGG), Markus Fiebig (NILU, WDCA), Séverine Bernonville (DLR, WDC-RSAT).

1) Designation of rapporteur and approval of minutes

- Séverine Bernonville designated as rapporteur
- All approved Minutes of last telecon

(<http://sites.google.com/site/wmoetwdc/2011Telecons/2011-telecon-1>)

2) Agreement on agenda and scope of telecon

- All approved agenda

3) Activities of chair ET-WDC since last telecon

- Nominated as representative of CAS in ICG-WIGOS
 - Participated and contributed to first session 26-30 Sep 2011
 - WIGOS is considered a key project within WMO regarding the integration of existing observation programs. Relevance for ET-WDC: the importance of metadata and the link to WIS was stressed
 - Meeting documents at http://www.wmo.int/pages/prog/www/WIGOS-WIS/meetings/ICG-WIGOS-1_Geneva2011/DocPlan.html; report is pending
- Participated on behalf of Swiss GCOS Office at CBS GCOS-LC-3 in Hamburg
 - Meteorological data, some products are available, interesting because they do a lot more performance monitoring than GAW (for now, intention is to do more in GAWSIS soon)
- WIS jump-start meeting at MeteoSwiss on 15 September
 - Clarified what needs to be done to become a NC, DCPC à basically, need to provide DAR metadata
 - Following this, MeteoSwiss contributed to a WIS workshop in Sofia 1-3 Nov 2011
 - Q Geir: Status of WDCA as DCPC? @Markus: application open, will follow up
- Response to metadata discussion of SAG Aerosol
 - Decision to go for CF (@Markus will report on this)

4) Progress on action items from last telecon

- XML examples from WDRC (Anatoly Tsvetkov) forwarded in August 2011: no feedbacks from the group

→ AI @Hiroshi Koide: provide feedbacks to Anatoly and ISO xml examples for station metadata (Deadline: End of January 2012)

- ISO Metadata examples (GOME2 O3 and NO2) from WDC-RSAT (S  verine Bernonville) forwarded in August 2011: no feedbacks from the group

→ AI @all: provide feedbacks (Deadline: End of January 2012)

→ AI @S  verine Bernonville: provide Excel Table with description of ISO metadata tags (Deadline: End of December 2011)

Discussion: controlled vocabulary considered important condition for proper metadata: suggestion to have hands-on workshop and tutorial about XML and ISO metadata, e.g. at WMO with WIS experts (See item 9)

5) Information on activities of each WDC relating to, eg

- Recommendations of previous meeting
- Operational aspects of the WDC
- input from SAGs relevant to ET-WDC
- The metadata model at each WDC
- Metadata exchange
- WIS and XML metadata implementations
- ...

- WOUDC (Ed Hare):

- Uncertain future data center (Environment Canada)
- Still working on XML and metadata

- WDCGG (Hiroshi Koide):

- Problem with capacity (man-power and disk space) for storing output model data at WDCGG, but will keep working on this.
- Storing time series for specific location possible

- WDCA (Markus Fiebig):

- Participation in AeroCom (Aerosol Comparisons between Observations and Models)
- Overview data holdings at WDCA (deadline: January 2012)
- Vocabulary (alternatives ISO WMO profile, CF-convention naming part)
- SAG Aerosol: discussions about CF-convention (<http://cf-pcmdi.llnl.gov/>)

→ AI @all: Check suitability CF for GAW purpose (Deadline: End of January 2012)

→ AI @Markus Fiebig: send information about CF

- Agreement ET-WDC before proposition new variable name in CF? To be discussed after checking suitability CF
- Lidar data from Max Planck Institute (with uniform data policy)

- WDC-RSAT (S  verine Bernonville):

- Working on ISO metadata validation and exchange with German GISC DWD

- Examples (GOME-2 O3 and NO2) sent and approved by DWD

- **GAWSIS** (Jörg Klausen):

- Contributed to SAG Aerosol discussion on vocabulary: CF naming convention supported

6) ET-WDC TOR: are they adequate? useful?

- ET-WDC Terms of Reference (<http://sites.google.com/site/wmoetwdc/tor>) approved by all participants.

7) Software tools for interoperable exchange and visualization of geo-referenced information

- Martin Schultz not available for the telecon
- Tool to support interoperability for data access (OGC WCS interface for NetCDF files)
- First step: ISO metadata exchange through WIS
- Next step: work on harmonized data access through WCS? Need central web portal for GAW? What about GAWSIS?
 - Need to be discussed in detail
 - Need input from Martin Schultz by the next telecon/meeting
 - more central data access one-stop-shops expected in future; GAW could increase its visibility

8) Summary and conclusions, agreed actions

- Useful telecon
- Need physical meeting especially workshop about control vocabulary and ISO metadata

9) Next telecom

A physical meeting + workshop at WMO (Geneva) in 2012 is considered needed by all participants

- **AI @all: Communicate unavailability from March to June 2012** (by 15 December)