

ACSG Status May 2013

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Sub-group Chair

WGCV-36
Shanghai, May 13-17, 2013

Last sub-group meeting at ESA/ESRIN February 2010, ***but this is not seen as a problem as numerous topical meetings related to ACSG recommendation and projects are held.***

The planned March 2013 meeting did not work due to various budgetary constraints with participating agencies

In the last 9 months:

- Formulation of cross-section studies requirements (ESA/SEOM project call Q2/2013)
- Groundbased instrument/algorithm intercomparisons and Cal/Val AQ campaign planning (18-month extension of ESA project)
- Implementation of groundbased air quality validation network using specialised spectrometers (ESA and close coordination with NASA/GSFC)
- Harmonisation of atmospheric database tools and metadata requirements (NASA/AVDC, ESA/EVDC and NDACC/DHF) *Details in A. Burini talk next*

- **Chair and Vice-Chair participated in the ACC-9 at EUMETSAT (April 18-19, 2013)**
- **More details in tomorrow's report on the ACC**

Groundbased AQ campaign using different type of instrument designs and profile retrievals (ESA in Romania 2015)

Establishment of calibration best practises and processing chains for AQ validation (ESA)

Resolution of groundbased ozone X-section and stray-light issues in Dobson and Brewer spectrometers (NASA/NOAA, ESA)

Participation in the Global Energy and Water Cycle Experiment (GEWEX) Water Vapour Assessment – Gvap (DWD, EUM, ESA)

Next meeting planned for Q3/Q4 2013 – but pending lifting of travel restrictions

The group still has a strong stratospheric chemistry focus, but missions have either ended (ENVISAT) or are exceeding their design life (EOS-Aura, ACE-FTS, ODIN, etc.)

But the space programmes have been shifting to air quality and greenhouse gas missions

The subgroup has incorporated air quality and atmospheric composition elements in 2006, **but better fora exist for discussion may exist such as the NDACC for ground-based measurements (UV-VIS and FTIR protocols) or International Workshop on Greenhouse Gas Measurements from Space (IWGGMS)**

Question: Is it still useful to maintain this sub-group?

Thank you!

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