

ACSG Status September 2014

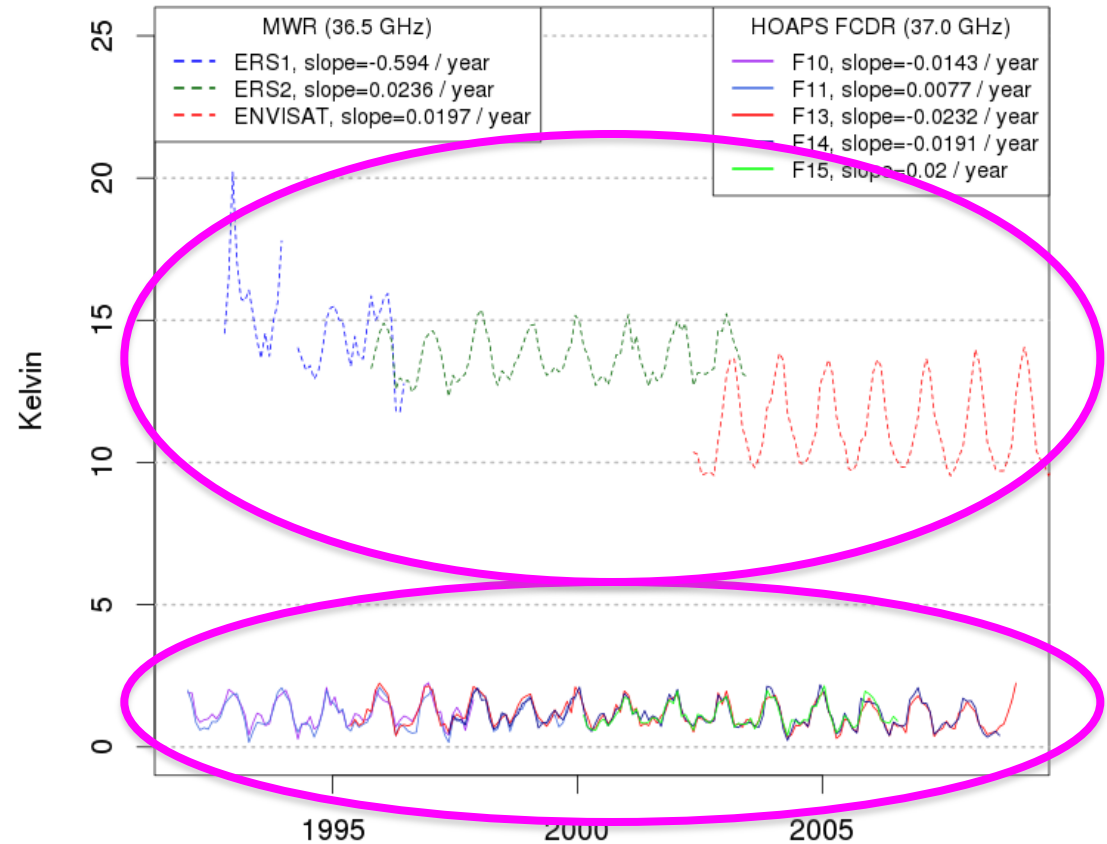
Bojan Bojkov, ESA/ESRIN
Sub-group Chair

WGCV-38
College Park, 30 September 2014

- **No sub-group meeting since WGCV-37**
- **Chair, vice-Chair did not attend ACC-10 (June 2014) due to schedule conflicts**
- **Activities:**
 - Numerous discussions with WMO/GSICS Research Working Group, esp. UV sub-group
 - Co-organised the WMO GRUAN-GSICS-GNSSRO WIGOS Workshop (integrated high-quality observations of upper-air atmospheric variability and change) - Geneva, May 2014
 - Initiated contacts in China with ground-based air quality, atmospheric composition and wind measurement groups
 - Definition for a coordinated groundbased air quality measurements system (spectrometers, lidar, and sunphotometers) for satellite validation - Bucharest, September 2014

Example: application

- Goal: Generation of a recalibrated Total Column Water Vapour CDR from the ERS/Envisat MWR instrument series
- Application of published model-satellite Tb inter-comparisons approaches
- Issues found: bias and amplitude differences
- *There is a need to work with other WGCV sub-groups and WMO-GSICS*



LTDP EMiR MWR extratropical comparison to ERA/RTTOV

WGCV/ACSG will deepen co-operation across WGCV and GSICS sub-groups to address L1 issues

Plan for joint WGCV/ACSG and GSICS/UV joint meeting in March/April at Eumetsat in Darmstadt