



# WGCV 28

## *Current Action Items*

# WGCV Current GEO Action

GEO Task	Action Description	Due Date	POC	Agency or Organization Lead	Agency and Organization Participation
DA-06-02	Develop a consolidated worldwide cal/val site database to be included in the CEOS cal/val portal. Establish a WGCV consensus on uniform cal/val schemes and criteria. Further expand the cal/val portal in both content and functionality	10/30/2008	P. Lecomte/N. Fox  completed	ESA/NPL	ESA, USGS, NASA, NOAA, BNSC/NPL
DA-06-02	Complete the project assessing the measurement consistency of MODIS, ATSR, and AVHRR and make recommendations for recalibration	10/30/2008	J. Xiong  completed	NASA	NASA, ESA, NOAA, CCRS, USGS
DA-06-02	Perform a joint experiment using Dome C for cross calibration, and investigate the feasibility of establishing it as a CEOS radiometric reference standard, as well as its stability for climate quality calibration	10/30/2008	C. Cao  completed	NOAA	NASA, ESA, CNES, NOAA, USGS

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DA-06-02	Hold the 2nd GEO-CEOS Workshop on cal/val to continue developing the framework and guidelines for data quality assurance.	10/30/2008	P. Lecomte <i>completed</i>	ESA	All WGCV members
DA-07-01	Further expand the EO data portal, to include fused 30m ASTER-SRTM WMS layers for additional sites, expand the DEM representative set for instrument cal/val and intercomparisons at the cal/val sites (Note: to be updated after WGCV28).	10/30/2008	Jan-Peter Muller	WGCV/TM	WGCV/TM, BNSC/UCL, JAXA, ESA, NASA, CNES, USGS.
DA-06-04 <i>changed to DA-06-02</i>	Continue developing the strategy for generating consistent biophysical products from medium resolution sensors. Evaluate global landcover classification at regional scale. Update the BELMANIP, and intercompare the fAPAR products. Publish the results (Note: to be updated after WGCV28).	10/30/2008	Frederick Baret	WGCV/LPV	WGCV/LPV, CNES, NASA

WGCV26-1	WGCV Secretariat to maintain a “WGCV suggested cal/val practices” web page, populated with the materials generated by WGCV. The materials will be transferred to the Cal/Val Portal.	Ongoing
WGCV27-1	WGCV Subgroup Chairs (SG) to review with the SG members the <i>list of GEO tasks in which WGCV is participating</i> (WGCV Sec. will distribute updates), and to generate a summary of the activities in which the members are participating, relevant to the listed GEO tasks.	Ongoing
WGCV27-2	WGCV Secretariat, to contact the CEOS constellation leads and request that the constellation teams evaluate their cal/val requirements.	Ongoing
WGCV28-1	WGCV Secretariat and Chair, to review and update the table of WGCV 2008 deliverables for GEO/CEOS-SIT ( <a href="ftp://uranus.eo.esa.int/pub/ceos/CEOS-GEO%20Work%20Table">ftp://uranus.eo.esa.int/pub/ceos/CEOS-GEO Work Table</a> ).	March 7  completed
WGCV28-2	All GEO task action leads, deliver results by the agreed deadlines, and include an update on the task action in their reports at WGCV29.	WGCV29
WGCV28-3	NOAA to provide the ASIC3 report (or a link to it), to be posted by the WGCV Secretariat on the wgcv web site.	WGCV29  completed
WGCV28-4	VNIIOFI Rusia representtives (Burdakin, Sapritsky and Privalov) to generate a one page summary with recommendations on: long-term radiometric standards, for reliable monitoring of the dynamics in thermal radiation data and validation global climate change trends.	WGCV29



WGCV28-5	WGCV/SGs, to identify <i>Fundamental radiometric reference standards</i> and guidelines for long term global EO.	WGCV29 ongoing
WGCV28-6	WGCV Sec., report of achievement to CEOS/GEO: WGCV/SAR establishing calibration specifications for Polarimetric SAR. Add on WGCV web site relevant publications/reports (or link to them). Addressing DA-06-02.	March 7  completed
WGCV28-7	USGS (Stensaas and Chander) provide summary (1 p.) to WGCV Sec. on the cal/val sites for EO.	WGCV29 progress
WGCV28-8	USGS (Stensaas and Chander) provide to WGCV Sec. 1 page summary on the comparison of Landsat cal/val methods.	WGCV29 progress
WGCV28-9	WGCV (USGS, Stensaas and Chander) to provide a list of potential calibration sites to the LSI Constellation Study Team. LSI compilation of cal/val sites would be part of an effort to define sites (environmentally sensitive, calibration, geohazard, etc.) that the agencies currently flying mid-resolution optical systems would agree to acquire (and make available) data over on a regular basis.	WGCV29  completed
WGCV28-10	NOAA(Weng, Cao), to establish coordination between GSICS and the Cal/Val portal to link relevant activities/prototype projects.	WGCV29  completed
WGCV28-11	Xiong (NASA) and Trishchenko (CCRS) to generate recommendations for AVHRR data re-calibration.	WGCV29 progress
WGCV28-12	Nigel/IVOS to generate a formal request for a joint NASA and BNSC Benchmark missions to meet the needs of climate and land surface imaging constellation. NASA to formally request BNSC's collaboration. Meiden and Ungar to help identify NASA/HQ person to contact David Williams, BNSC. (CLARREO, Dave Young NASA Langley and TRUTHS, Nigel Fox NPL)	WGCV29

WGCV28-13	IVOS (Nigel, Patrice, Cao, Xiong) to define by WGCV29 the protocol (procedures and activities) for CEOS instrument intercomparison exercise at Dome C site, to be conducted in the winter of 2008-09. Recommendation to CEOS requesting for agencies participation (Nigel and Petya to generate specific list of agencies and instruments).	WGCV29 ? progress
WGCV28-14	S. Mackin DMCii, provide WGCV Sec. a summary (1p.) on modular QA/QC, for consideration by the SG, and potentially trail during the WGCV 2008-09 winter cal/val exercise at DOME C site.	WGCV29
WGCV28-15	WGCV members, to nominate future WGCV Vice Chair and TMSG Vice Chair.	WGCV29 progress
WGCV28-16	WGCV Tec. Sec., to help determine the dates of next WGCV29 (set meeting maker).	March 2008 completed
WGCV28-17	WGCV agencies need to ensure resources are available and in some cases specific datasets, if the Global DEM task is to succeed. Specifically, some CEOS member agencies need to ensure that resources are made available for support for validation services (e.g. NASA to support GSFC to offer an ICESAT/GLAS validation service) and that other CEOS agencies (JAXA for ALOS-PRISM, ISRO for Carto-DEM, DLR for SRTM-X and TANDEM-X and CNES for SPOT Image Reference 3D) non-ASTER to be provided for (a) gap-filling ASTER-GDEM; (b) validation (EO-DEM data for up to 200 1 x 1 degree cells).	WGCV29 ? progress
Follows from above	JAXA to provide validated DEMs for sites on other continents (e.g. Africa, South America, Asia, Australasia, Antarctica) which can be established in different land covers and employed for validation of ASTER and final Global DEM	J-P Muller, to provide a list with coordinates