



GSICS space weather subgroup meeting

Feb. 12, 2024



Today's Agenda

- GRWG SWx Sub-group Membership
- Breakout Session of GSICS Annual Meeting 2025
- Agenda Items
- Next sub-group meeting
- AOB

GRWG SWx Sub-group Membership

- Followings are the members of GRWG SWx Sub-group.
 - CMA Cong Huang
 - ESA Piers Jiggins, Hugh Evans, Juha-Pekka Luntama
 - EUMETSAT Andrew Monham
 - KMA Dohyeong Kim , Daehyeon Oh
 - NICT Tsutomu Nagatsuma (Chair)
 - NOAA Brian Kress, Juan Rodriguez, Christian Naylor, and Athanasios Boudouridis, Jim Spann, Janet Machol, Paul Lotoaniu, Dimitrios Vassiliadis
 - SPARC Ingmar Sandberg
 - WMO Jesse Andres

GSICS Annual Meeting 17-21 March 2025 in Changchun, Jilin Province, China (Hybrid)

	Time	Sections	
March, 17	Day 1 Morning (8:00 Start)	Mini conference	
	Afternoon (18:00 End)	SWx	VISNIR + Lunar PM
March, 18	Day 2 Morning	VisNIR + Lunar AM	
	Afternoon	IR PM	
March, 19	Day 3 Early Morning	UVN-S AM (w US remote)	MW AM
	Long Lunch	CIOMP Site Visit	
	Late Afternoon	UVN-S PM (w EU remote)	MW PM
March, 20	Day 4 Morning	IR AM	GDWG
	Afternoon	Agency reports 10-minute pre-recorded using template in 12 minute slots	
March, 21	Day 5 Morning	Cross-Cutting (WG Briefings)	
	Afternoon	EP meeting	

Morning:
0800-1200CST
(0000-0400UTC)

Afternoon:
1330-1800CST
(0530-1000UTC)

SWx breakout session is assigned in the afternoon of March 17th, 2025 (13:30-18:00 CST [5:30-10:00UTC]).

Please register from <https://forms.office.com/e/ZT9hks6WaD>

https://gsics.atmos.umd.edu/pub/Development/AnnualEP2025/Information%20Package_GSICS.pdf (Detailed information about logistics)

Presentation list in our Breakout Session

- CMA:
 - FengYun-3H/WAI-II Prelaunch Test Results and The Calibration Approach In-orbit (Yafen Yang)
- ESA/SPARC: Piers and Hugh will give info within 1W.
- (ISRO?): Aditya-L1?
- JAXA: (Calibration of Arase particle sensor)
- KMA: Ask Daeheyon.
- NICT: (Application using multiple satellite data)
- NOAA:
 - GOES-19 MPS-HI Calibration: The Newest GOES Radiation Belt Instrument (Athanasios Boudouridis)
 - GOES 16-19 Solar and Galactic Proton Sensor (SGPS) Cross-Calibrations During Oct-Nov 2024 SEP Events (Brian Kress)

Action Items (1/3)

1. Hugh Evans to propose wording on the Work Plan to refine the target of defining a GSICS product into specific outputs: E.g. Initial GSICS deliverable (not requiring full definition of formats etc.); harmonized data levels, etc. -> **On going (Hugh Evans)**
2. ~~Proposing method of archival inter-calibration (Procedure of archival inter-calibration suggested by ESA (Piers))~~ -> ~~Proposed in the last meeting.~~
3. On the basis of working plan of space weather subgroup, the following action items are suggested.
 - Please inform definition of data levels in each organization. (I already have information from ESA, NOAA, and CMA.) -> **Definition of data levels are reported from CMA, ESA, JAXA, NOAA, NICT, and WMO. The summary of data level will be discussed at next Sub-group meeting.**
 - Proposing application produced from multiple satellite data (Should we collect information from data user? It might be related to the activities of Task Group on the Improving Data Access in CGMS/SWCG.) -> **On Going**

Action Items (2/3)

- ~~4. Compare and discuss different cross-calibration methods used by different institutions and compare them to PRBEM Standard Data Analysis Procedure.~~ → ~~On Going~~ → ~~Close?~~
- ~~5. Provide names of people to invite to the SW subgroup meeting in Darmstadt.~~ → Discuss in “Next GSICS Annual Meeting”
- ~~6. Next month, discuss and agree to an agenda for the SW subgroup meeting in Darmstadt.~~ → Discuss in “Next GSICS Annual Meeting”
7. Can we make a decision point on these at the next meeting?
 - ~~1/ Decide on methodology for this group (e.g. to adopt PRBEM)~~
 - 2/ Include discussion on common code base, can we expand PRBEM gitlab in this direction? links us to COSPAR? → Discuss in “Standard Cross-Calibration Procedure” → On Going (Need some discussion with PRBEM members?)

Action Items (3/3)

~~8. New action item from Larry Flynn:~~

- ~~— Please take a look at <https://gsics.wmo.int/en/focal-points> and consider who should be added to the list for the SW subgroup. The usual approach is for each agency to request the addition of their most active member as a focal point. [Note, Piers is already listed for ESA but not identified as SW.] ~~→ It seems almost all the member institute already register the focal point of Space weather. So action can be closed after reminding the members.~~~~

9. After COSPAR/PRBEM resolution is endorsed (we will ask chair of PRBEM(Miyoshi-san)), the member of SWx sub-group will discuss how to update PRBEM data analysis procedure with COSPAR/PRBEM members. -> Pending

Next Meeting proposal

- **Next meeting: Mar. 19, 2025 12:00UTC-**

AOB?
