

# Rapporteur's Report on GDAP

# GDAP Status

## Data Products

- ISCCP: V1 (1983-2009), V2 pending, (nnHIRS 1980-2014, prototype 2007-2009 ready)
- MAC (1860-2010, 2013 v1, 2015 v2)
- SRB (improvements to previous version are ongoing)
- GPCP (new version in early 2016 to replace Version 2.2 with calibration of satellite shifts)
- SEAFLUX (1988 – 2007)
- LandFlux (1984-2007)
- Soil Moisture (white book and Special Issue in JAG on the retrieval and validation of satellite soil moisture)
- Integrated (ancillary data constructed)

# Data Assessments

- Water Vapor (5<sup>th</sup> G-VAP workshop, Final assessment draft to GDAP in August 2016. The 6<sup>th</sup> meeting will tentatively take place at EUMETSAT headquarters on 22-23 September 2016.)
- Aerosol (report completed at the 2015 GDAP meeting. However, the report could not be published because it has no clearance .)
- Precipitation (Kick off meeting planned in autumn 2016 at the GDAP annual meeting. 1<sup>st</sup> interim report planned in 2018)
- Soil Moisture (a **validation whitebook** will be reviewed by GDAP before the 2016 annual meeting)

## Ground-based observations

- BSRN (Chuck Long, 14<sup>th</sup> BSRN Science and Review Workshop, 26-29 April, 2016, Bureau of Meteorology, Canberra, Australia).
- ISMN (49 networks containing ~ 2050 Stations. It is a success story. Financial support for 2009-June 2016 has come from ESA EOP SMOS. ESA's mandate is not operations, therefore a new mechanism needs to be found soon!)
- GPCP (detailed report delivered to GHP )

# New Activities

- Precipitation from surface radar
- UTTC PROES (first workshop was held on 16 Nov 2015 in Paris, fall 2016 in New York)
- Uncertainty Analysis (FIDUCEO, GAIA-CLIM)

# Issues and Action Items

- BSRN Host
- ISCCP Status
- Radar precipitation plan
- ISMN funding
- Leadership transition, need of radiation expert on panel
- Publishing data with DOIs