

GHRST XVI

R2HA2 Breakout Session report

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R2HA2 Working Group

- Objective :
 - Rescue historical data from worldwide HRPT AVHRR direct readout stations, with a focus on pre-MODIS era (1 km data)
 - Define a common netCDF format for HRPT L1b AVHRR data
 - Make data available in this common format with consistent calibration and geolocation information, (provided an appropriate source of funding has been found)

Current status

Several historical data sets have been collected and are archived at URI :

- From CLAS (Monterey and Wallops HRPT stations)
- From Lannion, Berlin, Peru, South Africa...
- ~ 20 TB of data, in various formats

A netCDF format for HRPT L1b AVHRR data has been defined

But no funding has been found sofar....

Discussions at breakout session (8 p.)

- J. Mittaz : an ITT for a study funded by ESA is going to be released next autumn, probably focussing on Europe (DLR HRPT data); this is a very good opportunity to bring together several relevant groups (UoR, Univ. of Bern, SMHI, Météo-France...) and to produce a first demonstration of what we want to achieve
- Other funding opportunities in Europe in the context of Copernicus Climate Services ?
- Message to take at home : if you are aware of any local archive of HRPT historical data, please contact me or Peter !