

GHRSSST XIV

Main issues for discussion

Peter Minnett

GHRSSST Science Team Chair

Gary Corlett

GHRSSST Project Coordinator

Main issues (1)

- There are a lot of existing and planned 'GHRSSST products' (and non-GHRSSST products)
 - We need make sure this is clear and transparent to the users
 - Is it clear to us?
- Progress in implementing GDS 2.0
 - Freezing GDS for a period (what still needs to be done)
 - GDS extensions for climate
- GHRSSST User Working Group (GUWG)
 - To approve new GHRSSST dataset(s)
 - Set-up group, define ToR, (GPO as Chair)
- GHRSSST Data Lifecycle Policy (GDLP)
 - Based on PO.DAAC approach
 - Minimal effort required - mainly documenting what is already done (ensuring documentation meets specific standards)

Main issues (2)

- Non-standard data distribution of GHRSSST L2P datasets
 - RDACs that wish to distribute their own data
- New data sources
 - Availability of AMSR-2, VIIRS, METOP-B, MSG-3 in L2P
- SSES
 - Are they being calculated correctly?
 - Are they being applied correctly?
 - Are they really appropriate?

Main issues (3)

- Satellite measurement constellation
 - Redundant microwave capability
 - 'Complete' GEO coverage
 - New reference dataset
- Future ST meetings
 - Longer term planning needed
 - Recognise core needs of ST
- Growth of GHR SST
 - Bringing in new countries, such as, for example, Brazil, China, Korea

Main issues (4)

- The GMPE
 - How to update the system?
 - Do we need secondary systems (both global and regional)?
- GCOS SST intercomparison site
 - Should it be turned off?
- Consensus on retrieval methods
 - To help provide consistency in uncertainties
 - Improved calibrations
- Resolution of products
 - Need both accurate and precise products
- Preparations for coupled forecast systems
 - What is needed?

Things to be done (1)

- EaRWiG
 - Approach to consensus in retrieval algorithms/cloud masking etc.
 - Approaches for interacting GSICS and using real-time corrections
- IC-TAG
 - Approach for updating GMPE
- AUS-TAG
 - Approach for updating URD
 - Approach for growth of GHRSSST
- DAS-TAG
 - GDS 2.0 implementation schedule
 - Plan for implementing dataset lifecycle policy
 - Approach for non-standard distribution of L2P data
- DVWG
 - Approaches for diurnally resolved SSTs
- ST-VAL
 - SSES review
 - Approach for assessing resolution of products
- CDR-TAG
 - SST intercomparison site - is it still needed?

Things to be done (2)

- Science Team
 - GDS Stewardship
 - GHR SST UWG membership
 - Non-standard distribution of L2P data
 - Future ST meetings
 - Better use of the GHR SST forum