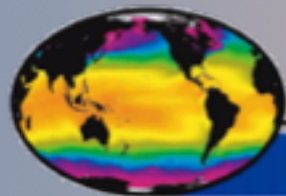


*To provide operational users and the science community
with the SST measured by the satellite constellation*

G-XIX: Update on GHRSSST

*Gary Corlett
Director, GHRSSST Project Office*



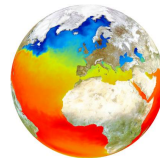
GHRSSST

*Group for High Resolution
Sea Surface Temperature*



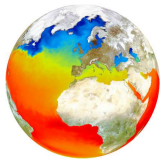
Committee on Earth Observation Satellites
Sea Surface Temperature Virtual Constellation

Considerations



- GHRSSST must continue to meet the needs of users
- The success of GHRSSST has seen an expansion in the number of science team members, the number of technical advisory and working groups and the number of people attending science team meetings
- It is very challenging to ensure all groups get to meet at the annual meeting
 - Many people participate in multiple groups and it is impossible to avoid conflicts when scheduling without taking time away from other activities
- Funding for inter-sessional meetings is now very difficult to obtain
- Many issues are cross-cutting involving one or more groups
 - SSES will not be resolved by one group
- GHRSSST is now recognized as the expert group on SST
 - We need to provide recommendations and best practices
- GHRSSST is not broken – this is an evolution of the science team
 - We are making sure GHRSSST is ready for the next 20 years

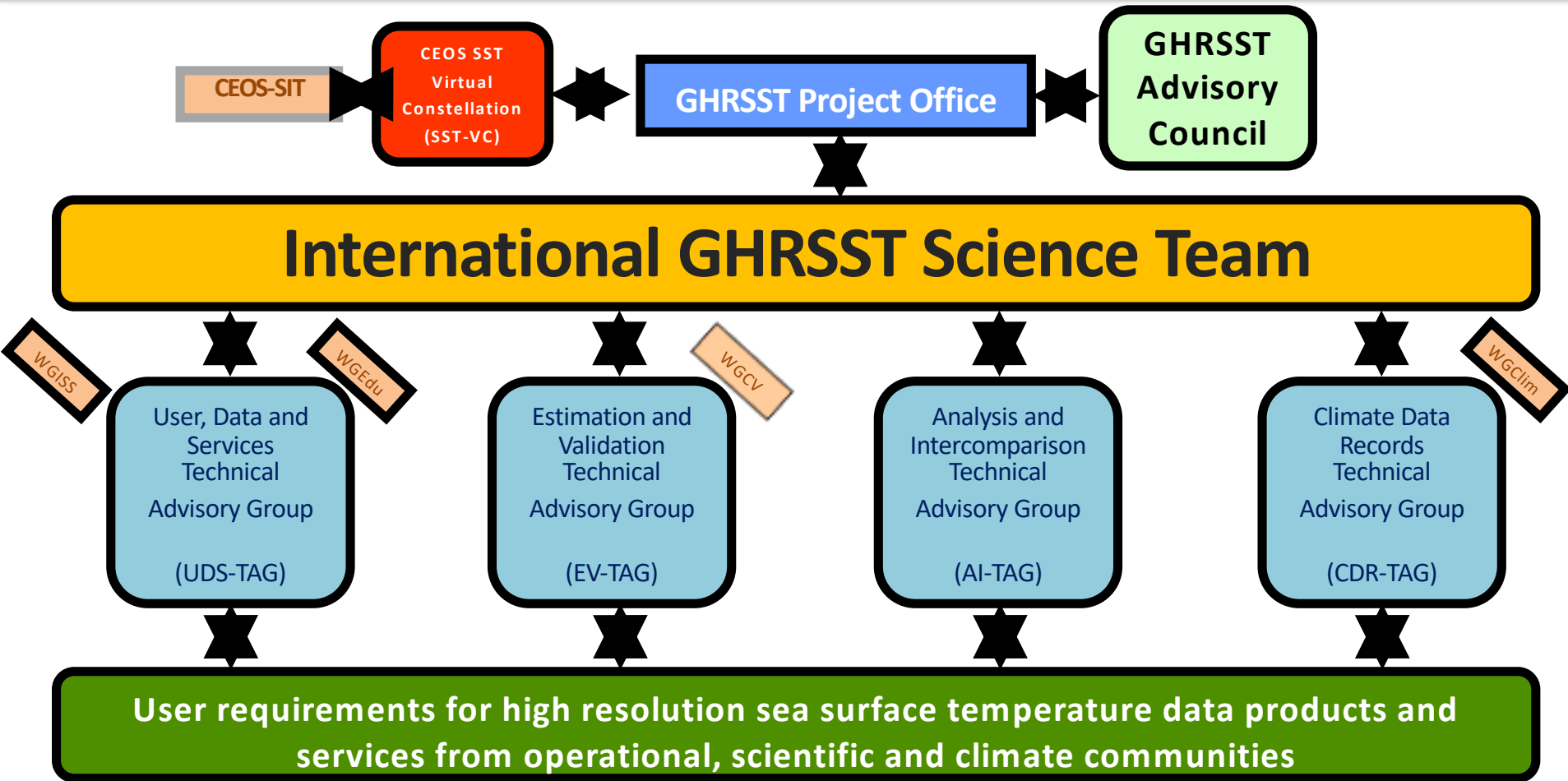
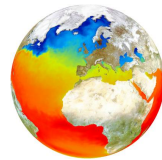
Patrons and Sponsors



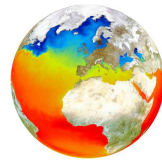
<http://www.ghrssst.org>

CEOS Committee on Earth Observation Satellites
Sea Surface Temperature Virtual Constellation

GHRSSST Overall Structure

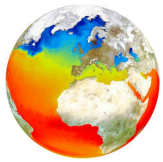


Technical Advisory Groups



- Consolidate our number of Technical Advisory Groups to four main groups
 - Users, data and services (Jean Francois Piolle)
 - Estimation and validation (Andy Harris), to include
 - Calibration, retrieval and cloud masking
 - Validation and in situ
 - Upper ocean physics/diurnal variability
 - Analysis and data merging/averaging (Mike Chin)
 - Climate (Jon Mittaz)
- TAGs will act as expert groups
 - To provide community agreed protocols and best practice documents relevant to their domain of interest
 - To respond to *ad hoc* requests for advice/input from the GPO and/or the international community
 - Will **not** meet at the annual science team meeting
 - Will meet virtually (e-meeting) as required
- Each has a Chair that must be a member of the Science Team

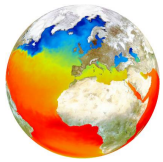
Task Teams



- Form new “Task Groups”
 - For specific issues that require resolution and/or coordinated research
 - To encourage collaborative working between ST meetings and to resolve key issues
 - TGs can be comprised of members from multiple TAGs
 - TG membership is open to non-ST members
 - TG topics can be aligned to national funding
- All new TGs will
 - Have a task assigned by the ST
 - Have a task leader and task group membership (can be non-ST members)
 - Be supported by the GPO with administration
 - Have an agreed work plan (simple bulleted list)
- Progress to be reviewed (by telecon) every 3 months
- TGs will meet at the annual ST meeting to report the findings of their activities to the ST
 - Task group day instead of breakout day – no parallel reporting
- The ST will then decide to disband the TG (as complete or non-functioning) or request it continue as is or reformulated



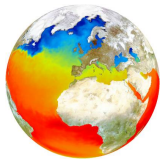
Task Teams



- Active
 - R/GTS Update
 - Jean Francois Piolle
 - CDAF tools
 - Jon Mittaz
- To start this year
 - SSES and impact on L4
 - Andy Harris
 - High latitudes
 - Chelle Gentemann
 - L4 spatial resolution
 - Peter Cornillon
 - Cloud masking
 - TBC



GHRSSST Project Office



- Director
 - Gary Corlett
 - University of Leicester
- GHRSSST Project Administrator
 - Silvia Bragaglia-Pike
 - University of Leicester
- GHRSSST Data Catalogue Activities
 - Jean Francois Piolle
 - Ifremer

Co Funded by the EU and EUMETSAT

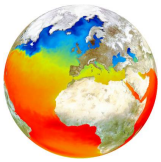


<http://www.ghrsst.org>



Committee on Earth Observation Satellites
Sea Surface Temperature Virtual Constellation

Future meeting dates



- G-XX
 - ESA ESRIN, Frascati, Italy, 3rd – 7th June 2019
 - Hosted by ESA and CNR

- G-XXI
 - Location TBC, 1st – 5th June 2020
 - Hosted by NASA and MISST

