

# Overview of GHR SST

Peter J Minnett  
Science Team Chair

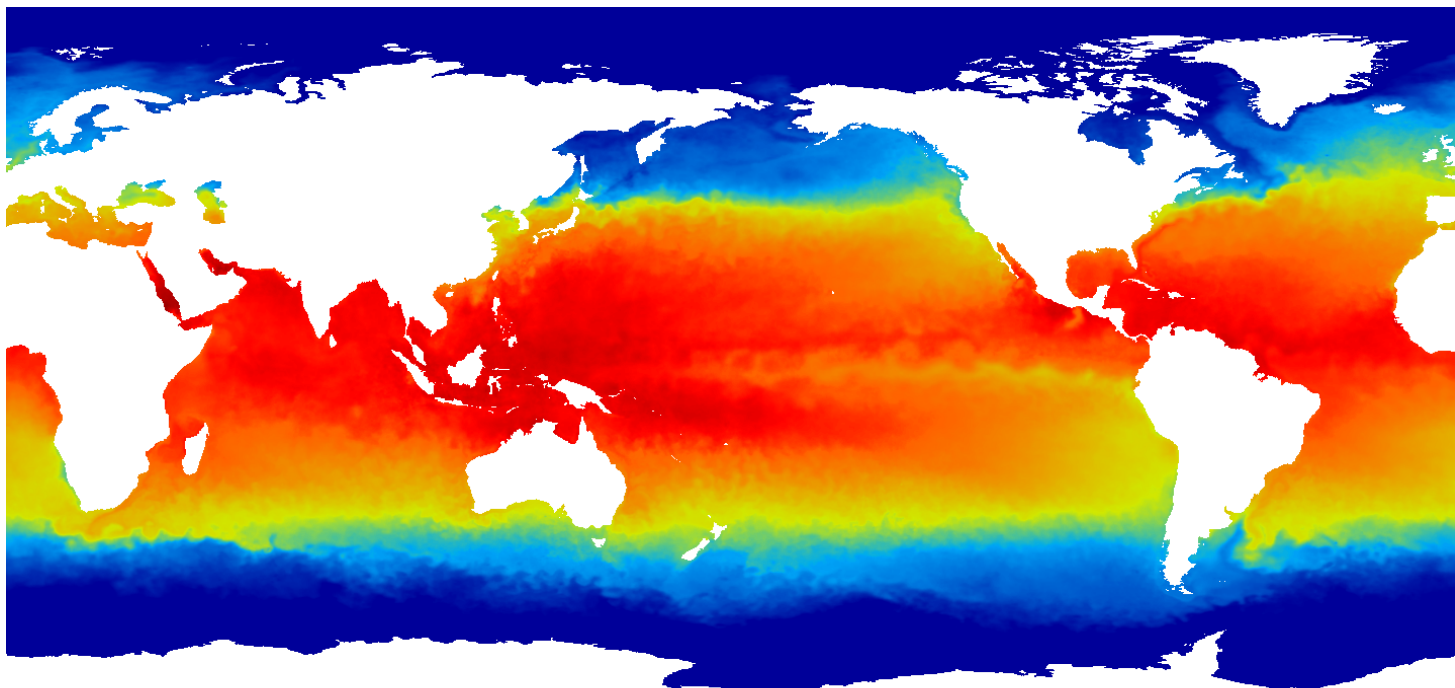
Rosenstiel School of Marine and Atmospheric Science,  
University of Miami, USA

# GHRSSST Science Team

GHRSSST is more than the sum of its parts!

- 45 Science Team Members.
- 12 countries and international organizations represented.
- 78 registrants, including 26 new faces
- Bonds with China and India being strengthened.

# GHRSSST Mission Statement



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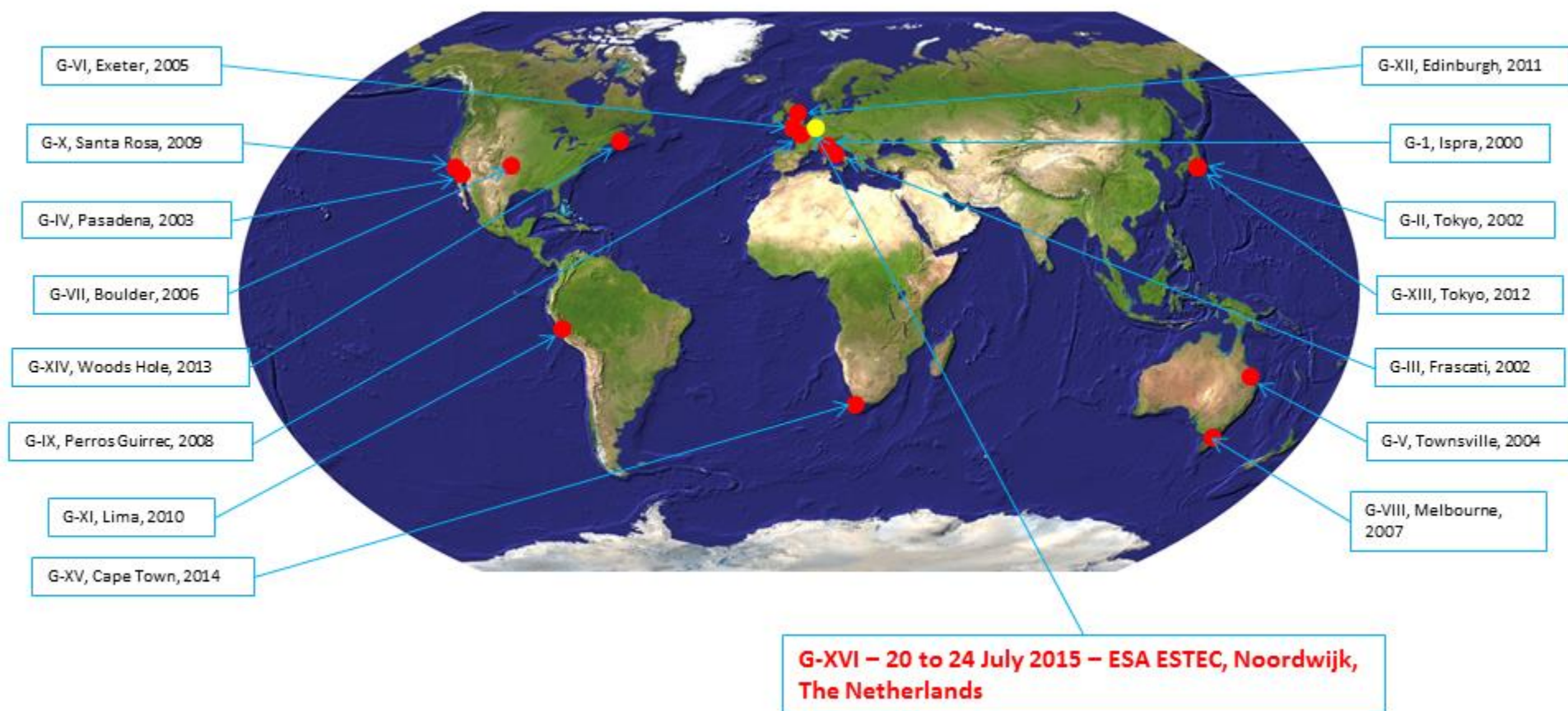
**GHRSSST mission: To provide operational users and the science community with the SST measured by the satellite constellation**

GHRSSST provides a framework for SST knowledge and data sharing, best practices for data processing, assessing uncertainties in the satellite SSTs, and a forum for scientific dialog including how best to provide SSTs for climate studies, bringing SST to the operational users and scientific researchers.

# Patrons and Sponsors

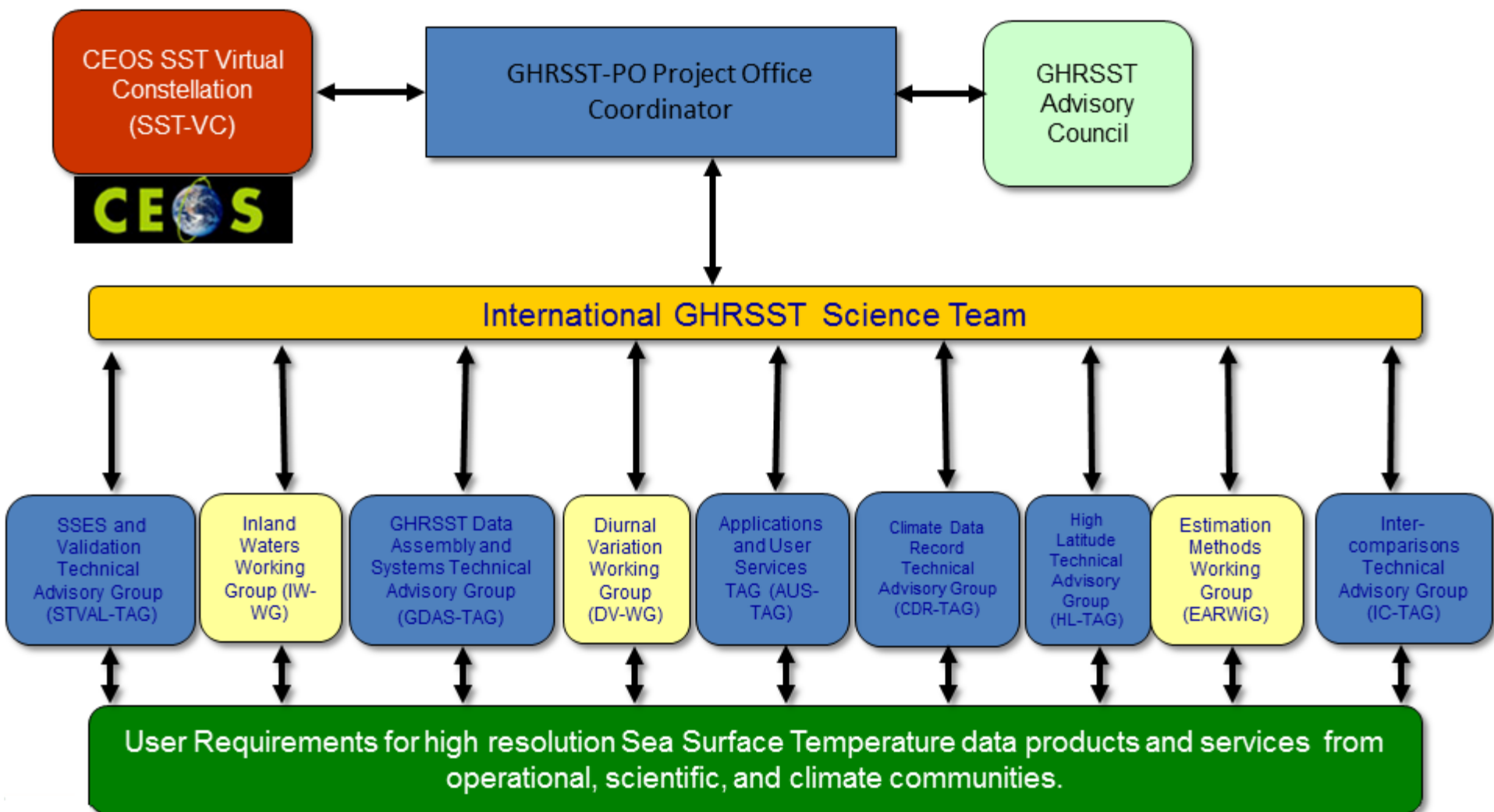


# Science Team Meetings





# GHRSSST Organisation



# Evolve GHRSSST

GHRSSST has been in existence for a decade and a half and has become an internationally recognized and respected organization.

But, like all such groups, it has to evolve to meet changing needs and expectations of its members and the community now and over the next decade.....

# TAGs and WGs

- Reassess the roles and effectiveness of TAGs and WGs.
- Three options:
  - Disband all TAGs and WG's and reform in a new configuration
  - Modify existing TAGs and WG's
  - No change
- Talk with Gary or Peter.....
- Revisit at end of this Science Team Meeting.



# Review R/GTS

- Review being led by Ken Casey with input from the DAS-TAG....

# Revise web pages

- New scheme under development
- Some ST members have already contributed material and ideas.
- Will be discussed in AUS-TAG session.

# Project Office Funding

- ESA has funded project office since 2003.
- Current contract expires in 2016 and continued ESA support at current levels cannot be assumed.
- Alternative funding sources are being explored.
- Ideas for funding contributions welcomed....



# New SST sources

New SSTs available, or soon to be.

Now:

- GCOM-W1 AMSR2 from JAXA and RSS
- S-NPP VIIRS from NOAA

Soon:

- Himawari-8 SST from NOAA, JMA and BoM
- S-NPP VIIRS from NASA
- Sentinel-3a SLSTR from EUMETSAT

Later:

- MetOp-3 AVHRR from EUMETSAT
- Sentinel-3b SLSTR from EUMETSAT
- GPM Core Observatory (?)
- JPSS-1 VIIRS
- New products from ISRO, NSOAS and CMA

# Science Team Meetings

- 2016 – NOAA, Washington DC, USA
- 2017 – Ocean University, Qingdao, China
- 2018 – EUMETSAT HQ, Darmstadt, Germany
- 2019 – ?

# Next chair

- Minnett's 5-yr term ends at the next Science Team Meeting – nominations for the next Chair are encouraged.....



- Have a productive meeting!

# GHRSSST

- GHRSSST, the Group for High Resolution Sea Surface Temperature grew out of a Pilot Project of the Global Ocean Data Assimilation Experiment (GODAE), 1997-2008.
- Composed of an international Science Team of researchers and operational practitioners.
- Coordinates research and operational developments in satellite-derived SST.
- Organized into Working Groups and Technical Advisory Groups focused on particular problems or activities
- Data processing through Regional and Global Data Assembly Centers, combining satellite and NWP fields in common data formats for ease of access and analysis.
- Data are available in perpetuity at the GHRSSST Long Term Stewardship and Reanalysis Facility at the NOAA National Centers for Environmental Information (<http://ghrsst.nodc.noaa.gov>).
- See <https://www.ghrsst.org/>

