GHRSST XVII

Washington DC, USA
6 – 10 June 2016

Draft Agenda v7 – 31st May 2016

Meeting hosted by:

Connecting Models and Observations

in association with NOAA

Table of Contents

1. Welcome to GHRSST XVII from the Science Team Chair

Welcome to the 17th Science Team Meeting of GHRSST.

This year's meeting is being hosted in Washington DC by CIRA (the Cooperative Institute for Research in the Atmosphere, a scientific research institution at Colorado State University) in association with NOAA. NOAA has been a key partner in GHRSST from the outset with major contributions being made by NOAA scientists in both research and operational aspects of our activities.

It is appropriate that we are meeting in the USA this year, as the first a new generation of geostationary satellites, GOES-R, will be launched in October. GOES-R, and its successors, carry a new type of visible and infrared imager, the Advanced Baseline Imager (ABI); with 16 spectral bands this should provide us with enhanced SSTs. The VIIRS (Visible Infrared Imaging Radiometer Suite) on the Suomi-NPP satellite continues to function well, providing accurate, high-resolution SSTs. There are two more satellites in the Joint Polar Satellite System series, JPSS-1 and -2 planned for launch in 2017 and 2021, with a further two expected to be launched in 2026 and 2031. Each satellite will carry a VIIRS,

A highlight in the past year was the successful launch of the Sentinel-3a satellite and the release of the first infrared imagery of the SLSTR, which look good. It is a very promising start to the mission and the continuation of dual-view SSTs. Sentinel-3b is planned to be launched late in 2017. The series of dual-view SST data is confidently anticipated to be continued with Sentinel-3c and -3d to be launched in 2021 and later.

On the microwave front, AMSR2 is delivering good measurements but the outlook for additional satellites with microwave radiometers with global SST capability is sadly very uncertain.

Thus, the prospect for continuing high-quality SSTs well into the future is very good, at least regarding infrared radiometers. It is hoped that the situation with microwave instruments will improve, especially as the prospect of increasing spatial resolution through interferometric techniques is seemingly technologically feasible.

The agenda of our meeting this year largely follows that of last year. We have a mixture of plenary and break-out sessions, with fewer parallel sessions than in some earlier years. I am sure you will agree with me that Gary and Silvia have produced an excellent agenda, giving us the opportunity to hear many stimulating scientific presentations in plenary, and to have the chance for more detailed discussions in the breakout sessions. As in previous years, there will be a poster session. Over 80 poster abstracts have been submitted to this meeting, and the venue facilitates having the posters available all week.

An important item for discussion this year is the evolution of the structure of GHRSST to ensure we remain a viable organization into future. The discussions were begun at last year's meeting in ESTEC and hinge on the number, make-up, and foci of the Technical Advisory Groups and Working Groups. Gary will have

circulated a discussion paper prior to the meeting and I hope you will read this ahead of the discussions and so will come armed with good suggestions and a readiness to debate options. The future details of GHRSST are in your hands, as should be the case.

As I have said before, it is a pleasure to see so many young registrants as graduate students, post-docs and other early career scientists represent the future of the field and of GHRSST.

This Science Team Meeting has a special meaning for me as this is the last one I will chair. I will step down at the end of the meeting and pass the baton to a very capable successor. It has been a good experience, being Chair of the GHRSST Science Team, and I look forward to continuing involvement in GHRSST in coming years. It is a pleasure to acknowledge the commitment and contributions to GHRSST made by Gary and Silvia; without their dedication, GHRSST could not function in its present form, and we would all be at a disadvantage.

The GHRSST Science Team Meeting is a highlight of the year, and I anticipate the annual meetings will continue well into the future. I look forward to a stimulating week and am sure you all find this to be an exciting, motivating, and rewarding experience!

Peter Minnett

(Chair of the GHRSST Science Team)

2. Organisation

2.1. Short abstract submission

You are invited to submit a short abstract of the work you wish to present at the meeting by using the template provided and sending all abstracts to gpa@ghrsst.org with 'GHRSST XVII Abstract' in the subject.

Deadline for abstract submission: 15th April 2016.

Please use the following format for the abstract:

Title: Time series of SST anomalies off Western Africa

Authors: Josephine Bloggs , Anne Other

Affiliations: Crop Department, Top University, New Town

Email: j.bloggs@generic.ac.uk

Abstract: Continue up to a maximum of 250 words

Please underline the presenting author's. In addition, please state whether an oral or poster presentation is requested.

If your abstract is selected for oral presentation you will be required to submit a 4-page extended abstract summarising your presentation for inclusion in the meeting proceedings.

To submit multiple abstracts for the meeting please send each one individually using the above template.

Notification of speakers and posters: 6th May 2016.

2.2. Oral Presentations

Presentations should be made according to the time allotted in the Agenda; please allow a few minutes for questions.

Each presenter is required to provide an **extended abstract** of their presentation **by the end of the meeting, or by 24th June 2016 at the latest** in Microsoft Word format for inclusion in the GHRSST proceedings. This will help get the proceedings published efficiently and quickly after the meeting ends.

A template for your extended abstracts is provided at:

https://www.ghrsst.org/files/download.php?m=documents&f=121129121900-yoursurnameabstract.dot

2.3. Session Chairs

The main tasks of a session chair are to briefly introduce each speaker, keep the presentations to the time allowed, and to lead/moderate the discussion. The chair should work closely with the rapporteur to prepare a **short summary of the session**.

Each **breakout session chair** is responsible for:

- Preparing the breakout session in advance in order to focus on the key issues for GHRSST.
- Arranging short overview presentations and timetabling these to allow as much discussion as possible.
- Reporting the session back to plenary on Friday morning.
- Reporting the session formally (based on notes from the rapporteur) in a written **session summary report.**

Both **plenary and breakout *session summary reports*** should be suitable for publication in the proceedings and are to be **delivered to the GPO (gpa@ghrsst.org) before the end of the meeting**.

2.4. Rapporteurs

The purpose of the rapporteurs is to capture important information during the session for the follow-up of the workshop by the GPO and Science Team. In preparing your session reports, you should avoid making lengthy summaries of the presentations and discussions.

Please concentrate on issues which relate directly to the objectives of the workshop, the mandate of GHRSST and the future development of GHRSST ocean products and services and provide a general overview of the main session outcomes/ conclusions.

As a template for your session report please use:

https://www.ghrsst.org/files/download.php?m=documents&f=121129121900-yoursurnameabstract.dot

3. Agenda (Draft outline)

3.1. Sunday 5th June 2016.

For details of a suggested get-together(s) for networking opportunities then please see Section 5: Events.

In addition, there is a planned meeting of expert in ship-borne radiometry from 18:00 onwards.

18:00-21:00	Ship-borne Radiometry
	Meeting of experts in ship-borne radiometry For further information, please contact: Helen Beggs (ABoM) Please meet at 6 pm in the Tysons Corner Marriott Hotel Lobby. From there the group will be heading to Paddy Barry's Irish Pub and Restaurant (8150 Leesburg Pike, Tysons Corner, VA 22182) to meet up with other participants for dinner.

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3.2. Monday 6th June 2016

Monday, 6th June 2016

Potomac Hub

08:00-09:00	Registration

Plenary Session I: Introduction

Chair: *Peter Minnett* ***Rapporteur:*** *Gary Corlett*

09:00-10:30	Welcome and introductory talks	
09:00-09:05	*Welcome to GHRSST XVII*	*Peter Minnett*
09:05-09:20	*Sea Surface Temperature: A Common Thread Through NOAA's Oceanographic Portfolio*	*Margarita Gregg*
09:20-09:35	*Sea Surface Temperatures at STAR: The O in NOAA*	*Paul DiGiacomo*
09:35-09:50	*NOAA NCEI's Sea Surface Temperature Portfolio: Foundational Data Sets for Environmental Applications*	*Krisa Arzayus*
09:50-10:05	*Uses of Sea Surface Temperatures at the National Weather Service*	*Hendrik Tolman*
10:05-10:20	*Sea Surface Temperature in support of NOAA Fisheries*	*Michael Ford*
10:20-10:30	*Logistics*	*Gary Corlett*

10:30-10:55	Tea/Coffee Break (Potomac Foyer; Nourish Café)

Monday, 6th June 2016

Potomac Hub

Plenary Session II: Review of activities since G-XVI

Chair: *Sandra Castro* ***Rapporteur:*** *Keith Willis*

10:55-11:05	*GHRSST Connection with CEOS: SST-VC*	*Anne O'Carroll*
11:05-11:15	*GHRSST system Components: GDAC*	*Ed Armstrong*
11:15-11:25	*GHRSST system Components: EU GDAC*	*Jean-François Piollé*
11:25-11:35	*GHRSST system Components: LTSRF*	*Ken Casey*
11:35-11:45	*GHRSST system Components: SQUAM and iQUAM*	*Alexander Ignatov*
11:45-11:55	*GHRSST system Components: Felyx*	*Jean-François Piollé*
11:55-12:05	*RDAC Update: ABoM*	*Helen Beggs*
12:05-12:15	*RDAC Update: CMEMS*	*Françoise Orain*
12:15-12:25	*RDAC Update: CMC*	*Dorina Surcel Colan*
12:25-12:35	*RDAC Update: EUMETSAT*	*Anne O'Carroll*
12:35-12:45	*RDAC Update: EUMETSAT OSI SAF*	*Stéphane Saux Picart*
12:45-12:55	*RDAC Update: JAXA*	*Misako Kachi*
12:55-13:05	*RDAC Update: JMA*	*Toshiyuki Sakurai*
13:05-13:55	**Lunch (Potomac Foyer)**	

Monday, 6th June 2016

Potomac Hub

Chair: *Lei Guan* ***Rapporteur :*** *Ioanna Karagali*

13:55-14:05	*RDAC Update: Met Office*	*Simon Good*
14:05-14:15	*RDAC Update: NASA*	*Ed Armstrong*
14:15-14:25	*RDAC Update: NAVO*	*Keith Willis*
14:25-14:35	*RDAC Update: NOAA/NESDIS/STAR 1*	*Alexander Ignatov*
14:35-14:45	*RDAC Update: NOAA/NESDIS/STAR 2*	*Eileen Maturi*
14:45-14:55	*RDAC Update: NOAA/NCEI*	*Sheekela Baker-Yeboah*
14:55-15:05	*RDAC Update: REMO*	*Gutemberg França*
15:05-15:15	*RDAC Update: RSS*	*Chelle Gentemann*
15:15-15:25	*ESA Contribution to GHRSST*	*Craig Donlon*
15:25-15:35	*R/GTS Update*	*Gary Corlett*
15:35-16:00	**Tea/Coffee Break (Potomac Foyer; Nourish Café)**	

Monday, 6th June 2016

Potomac Foyer

16:00-18:00	Poster Session

See Section 8 for further information.

Potomac Hub

18:00-21:00	Next Generation Geostationary Sensors

Side Meeting on Next Generation Geostationary Sensors

Draft Agenda:

Chair: Misako Kachi (JAXA) Rapporteur: Helen Beggs (ABoM)

18:00-18:05
Purposes and goals of the meeting
M. Kachi (JAXA)

18:05-18:30
Report on Himawari-8 from JMA
T. Sakurai, M. Kimura, A. Shoji, D. Uesawa, R. Yoshida, A. Okuyama,
M. Takahashi (JMA, Japan)

18:30-18:55
Himawari-8 SST by JAXA
Y. Kurihara, M. Kachi, H. Murakami (JAXA, Japan)

18:55-19:20
NOAA ACSPO Himawari-8 SST product
A. Ignatov, M. Kramar, B. Petrenko, Y. Kihai, P. Dash, I. Gladkova, X. Liang (NOAA, US)

19:20-19:45
GHRSST HW8 SST at ABOM
C. Griffin, L. Majewski (ABoM, Australia)

19:45-20:15
Discussion and Issues

3.3. Tuesday 7th June 2016

Tuesday 7th June 2016	
08:00-08:30	**Registrations**

Potomac Hub and McLean Studio

GHRSST Parallel Breakouts for TAGs/WGs

08:30-10:30	*EarWiG, ST-VAL and ICTAG*	*DAS-TAG*
	Joint session on uncertainties (1) *Detailed agenda to follow*	*Evolution of R/GTS framework (1)* *Detailed agenda to follow*
10:30-11:00	**Tea/Coffee Break (Potomac Foyer; Nourish Café)**	
11:00-12:30	*EarWiG, ST-VAL and ICTAG*	*DAS-TAG*
	Joint session on uncertainties (2) *Detailed agenda to follow*	*Evolution of R/GTS framework (2)* *Detailed agenda to follow*
12:30-13:00	*GHRSST*	
	Group discussion on future structure of GHRSST TAGs and WGs (1)	
13:00-14:00	**Lunch (Potomac Foyer)**	

Tuesday 7th June 2016

14:00-14:30	*GHRSST*
Group discussion on future structure of GHRSST TAGs and WGs (2)	
14:30-16:00	*DVWG*
DVWG breakout – detailed agenda to follow	

16:00-16:30	**Tea/Coffee Break (Potomac Foyer; Nourish Café)**

16:30-18:00	*CDR-TAG*
CDR-TAG breakout – detailed agenda to follow	

3.4. Wednesday 8th June 2016

Wednesday 8th June 2016

Potomac Hub

08:00-08:30	**Registrations**

Plenary Session III: Biases in SST retrievals ***Chair:*** *Andy Harris* ***Rapporteur:*** *Jon Mittaz*		
08:30-08:50	*Importance of uncertainty estimates at Level 1 satellite data for SST CDR*	*Marine Desmons*
08:50-09:10	*One year comparison of two methods of calculating inter sensor bias correction: operational and "DINEOF" method applied on SEVIRI data over European seas over in the context of the Copernicus program*	*Françoise Orain*
09:10-09:30	*SST error of drifting buoys: possible eddy effect?*	*Alexey Kaplan*
09:30-10:00	*Open discussion led by session chair*	

10:00-10:30	**Tea/Coffee Break (Potomac Foyer; Nourish Café)**

Wednesday 8th June 2016

Potomac Hub

Plenary Session IV: Fronts & gradients

Chair: *Peter Cornillon* ***Rapporteur:*** *Gary Wick*

10:30-10:50	*Towards high resolution ocean thermal fronts product from JPSS VIIRS*	*Irina Gladkova*
10:50-11:10	*Sub-diurnal variation of SST gradients in infrared satellite data*	*Peter Cornillon*
11:10-11:30	*Enhanced resolution of SST field from SST gradient transformation*	*Emmanuelle Autret*
11:30-12:00	*Open discussion led by session chair*	

12:00-17:00	**Afternoon Team Building (Box Lunch Provided)**
See section 5 for further details	

17:00-18:00	**CIRA Reception (Mount Vernon Inn)**
See section 5 for further details	

18:00-21:00	**GHRSST Dinner (Mount Vernon Inn)**
See section 5 for further details	

3.5. Thursday 9th June 2016

Thursday 9th June 2016

Potomac Hub

09:00-09:30	Registrations

Plenary Session V: The Importance and Applications of Geostationary Sea Surface Temperatures

Chairs: *Chelle Gentemann, Eileen Maturi* ***Rapporteur:*** *Prasanjit Dash*

09:30-09:45	*The history and development of Geostationary Satellites*	*Eileen Maturi*
09:45-10:00	*Calibration of the geostationary satellites*	*Jon Mittaz*
10:00-10:15	*Algorithms that generate sea surface temperatures: Differences and Challenges*	*Andy Harris*
10:15-10:30	*OSI SAF Geostationary SEVIRI SST product*	*Stéphane Saux Picart*
10:30-11:00	*Open discussion led by session chairs*	

11:00-11:30	Tea/Coffee Break (Potomac Foyer; Nourish Café)

11:30-11:45	*Validation of near-real time Diurnal Warming Estimates using Geostationary Data*	*Gary Wick*
11:45-12:00	*Observations and models of oceanic diurnal warming*	*Chelle Gentemann*
12:00-12:15	*Inclusion of Geostationary SST's into the NOAA Real Time Ocean Forecast System*	*Bob Grumbine*
12:15-12:30	*Coral Reef Watch: Monitoring Coral Reef Bleaching Potential*	*Gang Liu*

Thursday 9th June 2016

Potomac Hub

	Using NOAA 5 km Geo-Polar SST	
12:30-13:00	*Open discussion led by session chairs*	

13:00-14:00	**Lunch (Potomac Foyer)**

Plenary Session VI: Analysis

Chair: *Mike Chin* ***Rapporteur:*** *Dorina Surcel Colan*

14:00-14:20	*Assimilation of ACSPO VIIRS and REMSS AMSR2 into OSTIA*	*Simon Good*
14:20-14:40	*Thermal uniformity analysis of SST data fields*	*Jean-François Cayula*
14:40-15:00	*New mathematical technique for satellite data interpolation and application to L4 generation*	*Sandra Castro*
15:00-15:30	*Open discussion led by session chair*	

15:30-16:00	**Tea/Coffee Break (Potomac Foyer; Nourish Café)**

Plenary Session VII: Regional aspects of SST

Chair: *Alexander Ignatov* ***Rapporteur:*** *Werenfrid Wimmer*

16:00-16:20	*Sea surface temperature in the marginal ice zones of the Arctic Ocean*	*Mike Steele*

Thursday 9th June 2016

Potomac Hub

16:20-16:40	*Harmonized quality assessments using GHRSST SSES*	*Chris Griffin*
16:40-17:00	*Errors analysis of SST/AVHRR estimation in upwelling and atmospheric subsidence conditions*	*Gutemberg França*
17:00-17:30	*Open discussion led by session chair*	

18:00-21:00	Advisory Council
	Meeting of the GHRSST Advisory Council For further information, please contact: Craig Donlon (ESA)

3.6. Friday 10th June 2016

Friday 10th June 2016	
08:00-08:30	**Registrations**

Potomac Hub

Plenary Session VIII: Impact studies

Chair: *Craig Donlon* ***Rapporteur:*** *Simon Good*

08:30-08:50	*Impact of satellite observations on SST forecasts via variational data assimilation and heat flux calibration*	*Charlie Barron*
08:50-09:10	*Assessing the impact of assimilating OSTIA SST and along-track Aviso SLA on the performance of a regional eddy-resolving model of the Agulhas system*	*Christo Whittle*
09:10-09:30	*Using SST for improved mesoscale modelling of the coastal zone*	*Ioanna Karagali*
09:30-10:00	*Open discussion led by session chair*	

Closing Session

Chair: *Peter Minnett* ***Rapporteur:*** *Gary Corlett*

10:00-10:15	*Report from Advisory Council*	*Craig Donlon*
10:15-10:30	*Report from GEO Side Meeting*	*Misako Kachi*

Friday 10th June 2016

10:30-11:00	**Tea/Coffee Break (Potomac Foyer; Nourish Café)**	
11:00-11:45	Summary of breakout groups	
11:00-11:10	*EarWiG, ST-VAL and ICTAG*	*Andy Harris*
11:10-11:20	*DAS-TAG*	*Jean François Piollé*
11:20-11:45	*Future structure of GHRSST TAGs and WGs*	
11:45-12:15	*Review of action items*	
12:15-12:45	*New ST Chair*	
12:45-13:00	*Wrap-up/closing remarks*	

Close of GHRSST XVI

13:00-14:00	**Lunch (Potomac Foyer)**

Potomac East

14:00-18:00	**CEOS SST-VC**

Meeting of the CEOS SST Virtual Constellation

For further information, please contact:

Kenneth Casey (NOAA) or Anne O'Carroll (EUMETSAT)

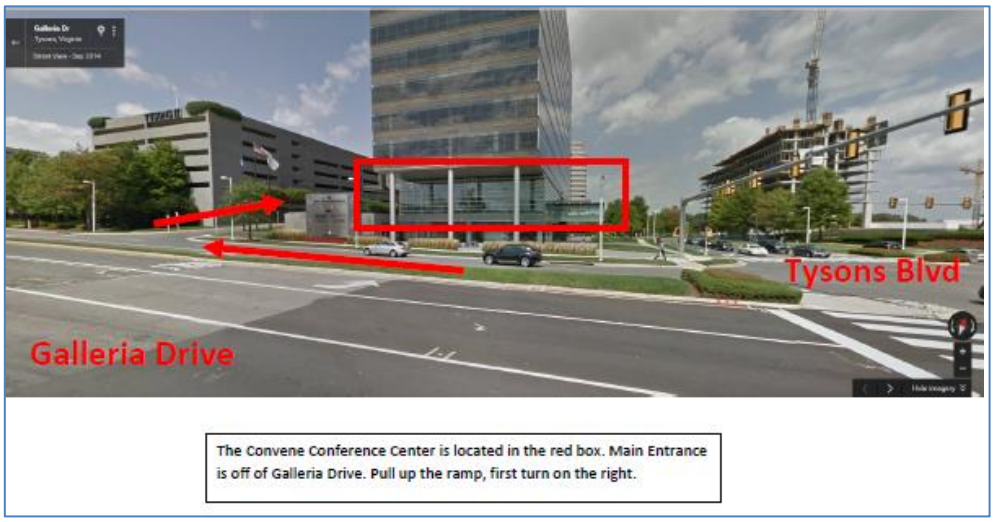
4. Meeting details

Full details of the meeting can be found on the meeting webpage:

https://www.ghrsst.org/ghrsst/Meetings-and-workshops/ghrsst-xvii-science-team-meeting/

4.1. Meeting venue

The meeting will take place at Convene, Tysons Corner, VA (see http://convene.com/location/tysons-corner). This is a short distance outside of DC and is located very near the Metro for ease of access.



Main Entrance for the 1800 Tysons Blvd Building is located off of Galleria Drive. Turn onto Galleria Drive and it is the first turn on the right. Pull up the ramp – 1800 Tysons will be on your right, the parking garage will be straight.

Additional information about Convene can be found here.

4.2. Meeting registration

There is a £110 per person registration fee to attend the meeting. This is to cover the costs of lunch and beverages for the duration of the meeting. Please register using http://www.store.reading.ac.uk/browse/extra_info.asp?compid=2&modid=2&deptid=18&catid=68&prodid=719 and ensure that your payment is processed no later than Friday **13th May 2016.**

4.3. Lunches and coffee breaks

Lunches will be available as a buffet in the Tysons Lounge on all days except Wednesday, where a box lunch will be provided. Lunch is included in the registration fee.

Tea/Coffee and cold drinks will be served during the coffee breaks in the Potomac Foyer and the Nourish Café.

5. Events

On Wednesday 8th June we will have our team building activities and meeting dinner. Although both events are optional, we strongly encourage all attendees to come along as this is an excellent opportunity to meet with the GHRSST Science Team and to discuss all things SST.

Delegates and guests can be booked at registration. Further details are provided below.

5.1. Sunday 5th June 2016 – Networking Opportunities

We are proposing some informal networking activities for Sunday 5th June 2016 for those who wish to join us as a way to meet up with other attendees and to ward off the jet-lag. Feel free to join in as you wish.

There are two options for daytime activities – it's your choice:

1. **A visit to National Air and Space Museum Annex (Steven F Udvar-Hazy Center)**

   We will meet at 12:00 PM at Wiehle-Reston East Metro Station (three stops from Tysons Corner on the Silver Line) to visit the Steven F Udvar-Hazy Center near Dulles Airport (see https://airandspace.si.edu/visit/udvar-hazy-center/). The center is the companion facility to the Museum on the National Mall in Washington DC and is where they keep the serious hardware!

   The center is accessible via a short (45 minutes) bus ride from Wiehle-Reston East Metro Station. We will assemble on the upper level near to the escalators that take you down to the buses. If you wish to join us then please note the visiting tips (http://airandspace.si.edu/visit/udvar-hazy-center/visiting-tips/index.cfm) including, what is not allowed to be brought in with you. *Note:* there is no food allowed but you may take in some bottled water (which we suggest you do).

   Admission is free so the only cost is for the Metro and the bus so you will need some dollars on your SmarTrip Card (http://www.wmata.com/fares/smartrip/). You can purchase a card from the machines at any Metrorail station. It will cost $2 in addition to the fare itself. You can use the trip planner on the WMATA homepage (http://www.wmata.com/index.cfm?forcedesktop=1) to estimate how much money to put on your card (the journey to Steven F Udvar-Hazy Center from Tysons Corner is $3.60 off-peak, for example).

2. A casual stroll around the National Mall

For those preferring something a little more relaxed, we will meet at 14:00 PM (at the latest, so please be there a few minutes before) outside the Smithsonian Metro Station (please go to the Mall entrance, 12th St at Jefferson Drive SW; there is another entrance so please be careful you are not at the wrong one!). From there we will take a stroll towards the Lincoln Memorial viewing many of the of the sights on offer (Veterans Memorial, Tidal Basin, Jefferson Memorial) before returning to a Metro station.

Please take the usual precautions for the expected weather on the day (sunscreen, hat, sunglasses) and also we advise everyone to bring along some water – you can buy it of course and the museums have fountains but the National Mall is big and people get thirsty! For DC early in June, morning low temperatures tend to be in the lower 60s °F (15-17 °C) with a few of the cooler mornings dipping into the mid-50s °F (12-13 °C). Afternoon highs early in the month tend to be near 80 °F (26-27 °C).

For those people travelling in from Tysons Corner, the journey should take about ½ and hour on the Metro and cost $3.60 each way (off-peak).

Note: Advance tickets for the Washington Monument are booked until August but daily tickets are available first come first served basis. Here is info on that:

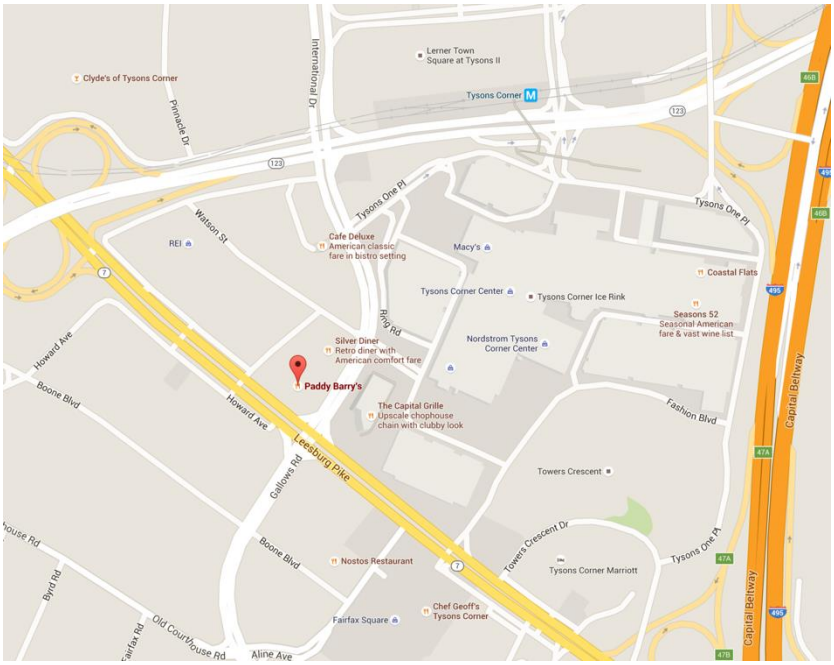
- **Tickets:** A ticket is required for anyone over the age of two. The visit (wait time included) takes about one hour.

- **Tickets are free.** Free first-come, first-served tickets are available each morning starting at 8:30 am at the ticket window of the Monument Lodge on 15th St NW between Constitution and Independence Avenues. In spring/summer, tickets go quickly for the entire day, and the line will form before the ticket window opens.

For really jet-lagged people up way too early, you may want to pop in early to get a ticket. Morning on the Mall, before the heat sets in, is very nice.

If you're running late then you may wish to try and catch-up with either group. But please bear in the mind the travel times.

Afterwards we hope both groups – and anyone else for that matter – will join us for a drink and some food back in Tysons Corner. We will aim to meet from 18:00 onwards in Paddy Barry's Irish Pub and Restaurant (http://www.paddybarrysva.com/). The venue is located about 10 minutes' walk form from both the Tysons Corner Metro Station and about the same and the Tysons Corner Marriott (see map below).



5.2. Wednesday 8th June 2016 - Team building afternoon

For the team building activity on the Wednesday afternoon we are going on a VIP tour of Mount Vernon, the home of George and Martha Washington. The team building will cost £25 per person and can be paid for via the registration system; guests are welcome. We will be leaving by bus from Convene around 12:30. A box lunch will be provided for delegates to take on the bus with them. We suggest any guests joining us at Convene purchase their own lunch prior to arriving at Convene.

Please note that Mount Vernon has strict rules on the size of allowed bags and other items you may take in (including no food and drink aside from bottled water) For further details Please see http://www.mountvernon.org/plan-your-visit/tips-for-your-visit/guidelines/bag-inspection-policy-prohibited-items/.

5.3. Wednesday 8th June 2016 – GHRSST evening dinner

Following the tour there is a pre-dinner drinks reception at the Mount Vernon Inn hosted by CIRA, after which we will adjourn to the George Washington Room for the meeting dinner. The dinner will cost £45 per person and can be paid for via the registration system; guests are welcome. Please advise of any dietary requirements when booking. Menus will be circulated nearer the time.

We will be leaving Mount Vernon at 21:00. There will be a drop-off point in downtown Washington DC before arriving back at Convene.

6. Local and Travel information

The Convene conference Centre is located to the west of Washington DC and is located about 5 minutes' walk from the Tysons Corner stop on the Silver Line Metro service (see here for details of the Metro service). There are two main airports serving DC, Dulles International and Reagan National. Both have access to the Metro although from Dulles you first have to take the Silver Line Express Bus to Wiehle-Reston East Station from where it is only three stops to Tysons Corner. The bus costs $5 each way and you pay at the booth at the airport (even on the return journey) - just follow the signs in arrivals to find the bus. Further details on the Metro are given in Section 5.

Extensive information on Washington DC, its transport network, tourist information and how to travel there and is available at http://wikitravel.org/en/Washington,_D.C .

For the latest information on VISA requirements, please consult the U.S. Customs and Border Protection website at http://www.cbp.gov/travel/international-visitors.

Those who need a visa invitation letter may send a request via the GPO (gpa@ghrsst.org).

Very Important:

The Washington Metropolitan Area Transit Authority (WMATA) is embarking on a comprehensive maintenance project to replace and repair our area subway system. The intention is to restore the track infrastructure to good health. The project, an accelerated three years' worth of work is scheduled to be completed in approximately one year. This monumental undertaking is being referred to as SafeTrack and is scheduled to launch Saturday, June 4, 2016.

For more information and updates on SafeTrack, visit:
http://wmata.com/rail/safetrack.cfm.

The Silver Line is affected by the works and the latest information says that trains will run every 18 minutes, and will be more crowded than usual. Please allow extra time for your journey, particularly people not staying in Tysons Corner and commuting each day to the venue.

7. Hotel information

You are free to choose your own accommodation for the meeting. There are several hotels within the vicinity of Tysons Corner that you can find on the usual array of internet booking sites, and the close proximity to the Metro means staying closer to downtown Washington DC is a viable option for those who wish to do so.

We have an agreement with one hotel local to Tysons Corner to offer a reduced room rate for GHRSST attendees. The Tysons Corner Marriott is offering a rate of $189 per night (plus 12% tax), compared to their normal weekday rate of $309 per night. The rooms are available on a first come first served basis so please move quickly if you wish to take up this offer. The rate is available for the nights of 5, 6, 7, 8 and 9 June only. To make an online reservation please click here on or before **Monday, May 9, 2016** or call the reservations team at 1 (800) 228 9290.

Important: For those arriving on the Saturday the current available weekend rate is $89 per night. To get this rate you need to book the Saturday night online separately from the group reservation above and then ring reservations on 1 (800) 228 9290 and get them to link the two bookings. [Overseas attendees please note that you can call a US toll free number for no cost using Skype].

For those staying in Tysons Corner there are many bars and restaurants available in the local area mainly due to two large shopping malls. For further details on what is available see Tysons Galleria and Tysons Corner Center.

8. Posters

Posters will be set-up from Monday to Thursday in the Potomac Foyer. Please put up your poster as soon as you can on the Monday and then remember to take it with you on Friday morning. Any poster remaining will be disposed of.

Posters are to be A0 Portrait in size.

Please hang your poster between from 12:00 PM and before 4:PM in the order given in the table below:

Number	Name	Title	Group
1	Armstrong, Ed	EMERGING INFORMATION TECHNOLOGIES FOR OCEANOGRAPHIC DATA	A
2	Banzon, Viva	INVESTIGATION OF LONG-TERM CHANGE IN GLOBAL CORAL BLEACHING THERMAL STRESS AND IDENTIFICATION OF GLOBAL BLEACHING EVENTS USING NOAA 1/4° DAILY OISST	B
3	Bouali, Marouan	TRENDS IN SST SUBMESOSCALE GRADIENTS IN THE SOUTH ATLANTIC OCEAN USING TERRA AND AQUA MODIS DATA	B
4	Chen, Chuqun	THE BUOYANT EQUIPMENT FOR SKIN TEMPERATURE (BEST), A NEW INSTRUMENT FOR IN-SITU VALIDATION OF SATELLITE RETRIEVED SEA SURFACE TEMPERATURE	D

5	Crosman, Erik	SATELLITE-DERIVED LAKE SURFACE TEMPERATURE: CURRENT STATE AND FUTURE NEEDS	A
6	Dash, Prasanjit	SENTINEL-3 SLSTR SST MONITORING AT EUMETSAT – THE PLAN	B
7	Ding, Yanni	ACSPO VIIRS L3U VERSION 2 SST PRODUCT	C
8	Ding, Yanni	REGIONAL VALIDATION AND POTENTIAL ENHANCEMENTS TO NOAA POLAR ACSPO SST PRODU	D
9	Donlon, Craig	THE COPERNICUS SENTINEL-3 MISSION: CURRENT STATUS E	A
10	Fox, Nigel	AN ESA INITIATIVE TO ESTABLISH AN IN SITU REFERENCE FRAMEWORK FOR SATELLITE SST VALIDATION: FRM4STS	B
11	Gangwar, Rishi	IMPROVEMENT AND BIAS CORRECTION IN SEA SURFACE TEMPERATURE FROM INSAT-3D IMAGER	C
12	Gentemann, Chelle	2014-2016 PACIFIC SST ANOMALY	D
13	Guan, Lei	EVALUATION OF SEA SURFACE TEMPERATURE FROM FY-3C VIRR DATA IN THE ARCTIC	B
14	He, Kai	NOAA SENSOR STABILITY FOR SST (3S) FOR IMPROVED CHARACTERIZATION OF AVHRR THERMAL BANDS	C
15	Hihara, Tsutomu	DYNAMIC INTERPOLATION OF HIMAWARI-8 SST	D
16	Karagali, Ioanna	IMPLICATIONS OF DIURNAL WARMING EVENTS ON ATMOSPHERIC MODELLING	A
17	Kilpatrick, Katherine	CLASSIFICATION OF SST QUALITY USING A COMBINED FOREST OF WEAK AND STRONG CLASSIFIERS	B
18	Lange, Martin	IMPACT OF GMPE BASED SST-PERTUBATIONS ON THE LETKF ENSEMBLE DATA ASSIMILATION SYSTEM AT DWD	C
19	Maturi, Eileen	NOAA'S OPERATIONAL GEOSTATIONARY FRONTAL PRODUCT	A
20	Liu, Liyan	IMPROVEMENT AND VERIFICATION OF SST ANALYSIS	B
21	Liu, Mingkun	EVALUATION OF SEA SURFACE TEMPERATURE FROM HY-2 SCANNING MICROWAVE RADIOMETER	C
22	Liu, W. Timothy Liu	WHY DO SCATTEROMETER OBSERVATIONS HAVE A UBIQUITOUS COHERENCE WITH SEA SURFACE TEMPERATURE?	D
23	Liu, Yang	THE PARAMETERIZATION OF SAMPLING ERRORS IN	A

		INFRARED SEA SURFACE TEMPERATURES	
24	Luo, Bingkun	COMPARISONS OF SHIPBOARD INFRARED SKIN SEA SURFACE TEMPERATURE DATA WITH SATELLITE AND MODEL DATA	B
25	Mao, Chongyan	VALIDATION OF MET OFFICE OSTIA DIURNAL ANALYSIS USING ARGO FLOATS	C
26	Marullo, Salvatore	THE EFFECT OF DIURNAL SEA SURFACE TEMPERATURE WARMING ON THE MEDITERRANEAN SEA HEAT AND WATER BUDGET	D
27	Maturi, Eileen	NOAA/NESDIS GEOSTATIONARY AND BLENDED OPERATIONAL GHRSST SEA SURFACE TEMPERATURE PRODUCTS	A
28	Mauzole, Yackar	AUTOMATED METHOD TO TRACK PERSISTENT SST FRONTS	B
29	Meldrum, David	DRIFTING BUOYS WITHIN THE ESA INITIATIVE TO ESTABLISH AN IN SITU REFERENCE FRAMEWORK FOR SATELLITE SST VALIDATION: FRM4STS	C
30	Minnett, Peter	INFRARED RADIOMETERS ON SHIPS FOR THE VALIDATION OF SATELLITE-DERIVED SEA-SURFACE TEMPERATURE VALIDATION	D
31	Minnett, Peter	SKIN SSTS FROM MODIS AND VIIRS	A
32	O'Carroll, Anne	SENTINEL-3 MARINE CENTRE AND OPERATIONS OF SLSTR SST	B
33	O'Carroll, Anne	SEA SURFACE TEMPERATURE FROM IASI: OSI SAF L2P AND RECENT RESULTS	C
34	Park, Kyung-Ae	APPLICATION OF HYBRID SST ALGORITHM TO THE SEAS AROUND KOREA USING COMS MI DATA	D
35	Peré, Sonia	PROGRESSES ON THE OSI-SAF SEVIRI/MSG SST REPROCESSING	A
36	Petrenko, Boris	POSSIBLE DEFINITIONS OF SST QUALITY LEVELS BASED ON THE STATISTICAL STRUCTURE OF REGRESSORS IN THE MATCHUP DATASET	B
37	Piollé, Jean-François	FELYX IN ACTION FOR SENTINEL-3 CAL/VAL AND CLIMATE DATA RECORD ASSESSMENT	C
38	Piollé, Jean-François	REPORT ON SST ACTIVITIES AT IFREMER	D
39	Pisano, Andrea	LONG-TERM CHANGES IN THE MEDITERRANEAN AND BLACK SEA SST FROM 1982 TO 2015	A

40	Rayner, Nick	REQUIREMENTS FOR SEA SURFACE TEMPERATURE DATA SETS FOR CLIMATE RESEARCH AND SERVICES	B
41	Reid, Rebecca	MAKING USE OF INFORMATION ABOUT CORRELATIONS IN OBSERVATION ERRORS IN THE OPERATIONAL SEA SURFACE TEMPERATURE AND SEA ICE ANALYSIS SYSTEM (OSTIA)	C
42	Saha, Korak	VALIDATION OF THE PATHFINDER VERSION 5.3 L3C SEA SURFACE TEMPERATURE WITH GLOBAL DRIFTER DATA	D
43	Saux Picart, Stéphane	NEW OSI SAF METOP-B/AVHRR SST OPERATIONAL PRODUCTS	A
44	Sheekela Baker-Yeboah	PATHFINDER AVHRR SEA SURFACE TEMPERATURE 4 KM CLIMATE DATA RECORD	B
45	Sheekela Baker-Yeboah	SCIENTIFIC STEWARDSHIP OF GHRSST PRODUCTS	C
46	Szczodrak, Goshka	RETRIEVAL OF MODIS SST WITH OPTIMAL ESTIMATION	D
47	Thorpe, Livia	IMPLEMENTATION OF A SKIN SST SCHEME INTO THE METUM-GC2	A
48	Tomazic, Igor	SENTINEL-3 SLSTR L1 AND MARINE L2 PRODUCTS	B
49	Tomazic, Igor	SENTINEL-3 SLSTR CAL/VAL ACTIVITIES AT EUMETSAT	C
50	Wong, Elizabeth	THE RESPONSE OF THE OCEAN THERMAL SKIN LAYER TO AIR-SEA INTERFACIAL HEAT FLUXES	D
51	Wu, Fan	EVALUATION OF THE PRECISION OF SATELLITE-DERIVED SEA SURFACE TEMPERATURE FIELDS	A
52	Xu, Feng	TOWARDS ERROR CHARACTERIZATION IN IQUAM IN SITU SST'S USING THREE-WAY ANALYSIS WITH AVHRR AND AATSR CCI SST'S	B
53	Zhang, Haifeng	SEASONAL PATTERNS OF SEA SURFACE TEMPERATURE DIURNAL VARIATION OVER THE TROPICAL WARM POOL REGION	C
54	Zhou, Xinjia	AVHRR GAC SST Reanalysis version 1 (RAN1)	D
55	Zhu, Xiaofang	REPROCESSING A 14-YEAR GLOBAL 5KM GEO-POLAR BLENDED L4 SST USING NOAA/NESDIS OPERATIONAL ALGORITHMS	A

To help with viewing of posters, for the main poster session we ask you to stand by your poster in the main poster session on Monday afternoon according to your assigned group in column four. Please be at your poster according to:

- Group A: 16:00 to 16:30
- Group B: 16:30 to 17:00
- Group C: 17:00 to 17:30
- Group D: 17:30 to 18:00

If you are viewing and not presenting then this means you should ideally **only view each group of posters one at a time** as the presenter will not be in attendance otherwise.

The posters will remain until Thursday so will have time to look at them in more detail during the breaks.

Please make sure you remove your poster(s) at the end of the day on Thursday.

9. Contacts

GHRSST Project Office

Silvia Bragaglia-Pike
gpa@ghrsst.org

Gary Corlett
gpc@ghrsst.org

More useful links

GHRSST
http://www.ghrsst.org

10. Summary of deadlines

- Short abstracts submission: 15th April 2016
- Notification of speakers and posters: 6th May 2016
- Registration deadline: 13th May 2016
- Meeting dates: 6th-10th June 2016
- Plenary and breakout session reports: 24th June 2016
- Extended abstract for Proceedings: 24th June 2016