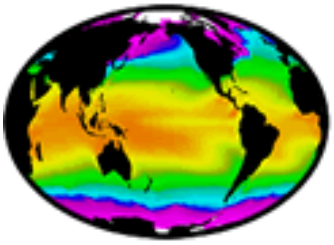

GHRSST
GROUP FOR HIGH RESOLUTION
SEA SURFACE TEMPERATURE

The 21st International GHRSST Science Team Meeting

On-line meeting:

1st June 2020 – 4th June 2020

Final Agenda.v3 with Calendar of events – 1st June 2020

On-line meeting hosted by:

EUMETSAT

Table of Contents

Welcome to the 21st GHRSST Science Team Meeting

Welcome to the 21st International Science Team meeting of the Group for High Resolution Sea-Surface Temperature (GHRSST XXI).

This year we are holding the meeting online due to the Covid-19 pandemic. We are very sorry not to be able to meet together in Boulder as originally planned, but hope that you and all our friends and colleagues around the world are keeping safe and well.

We welcome the opportunity for a new way of collaborating and interacting and I hope that the opportunity brings in new participation by scientists and colleagues who wouldn't usually be able to attend the meeting in person. We will have to learn new technologies, and advance our skills in online communications, but I hope this will develop further the possibilities of ways of working together in future years. We should also take the opportunity to increase our capabilities and productivity for intersessional work. I hope also that it gives more of an opportunity for early-career scientists to participate and to employ and teach us all their online social skills with more opportunities for leading particularly within their subjects of interest.

Last year we carefully questioned the need for how often we meet in person, considering the impacts of travel on the climate, concluding that yearly meetings are still crucial for advancing Sea Surface Temperature science and observations. The need for SST observations is as ever critical for weather and ocean forecasting and for the continuation of climate monitoring and data records. It is important that we continue with identified improvements and priorities. However, this year the pandemic has made this decision for us, reducing drastically all our travel carbon budgets. But we must continue to collaborate and progress with our work on SST and this is why we have made the decision to organise the meeting online instead of delaying it till later months. I hope you all enjoy the meeting and find it productive and fruitful.

The provision of high quality SST data from a broad satellite constellation has continued, with the particular good news in December 2019 that AMSR-3 was officially approved as a new project with a target launch date of 2023. AMSR-3 will be installed on the Global Observation SATellite for Greenhouse gases and water cycle.

Many improvements to SST products, data access and systems have continued over the last year including: the release of GCOM-C/SGLI SST in GDS2.0 in February 2020, the release of NASA MUR SST data in the cloud supporting future ways of analysing data, upgrades to iQuam and the ingestion of NOAA VIIRS SST into Australian SST products in November 2019. Activities of Fiducial Reference Measurements have continued including on TRUSTED HRSST drifting buoys, the ships4sst radiometers and the use of Saildrone measurements.

Last September the OceanObs19 conference took place in Hawaii where a number of GHRSST science team members participated including presenting a poster on our OceanObs19 white paper

on Observational needs of Sea Surface Temperature. Our user driven priorities for SST observations over the next decade have been identified as: improving data quality in the Arctic, Improving coastal SST data quality, improving SST feature resolution. The paper can be found from https://www.frontiersin.org/articles/10.3389/fmars.2019.00420/full.

In addition, we contributed to the OceanObs19 satellite innovation breakout, combining efforts with the Sea Surface Salinity and other ocean communities. Further key priorities that arose are the importance of continuity, better accuracy, higher resolution including new technology providing resilience to RFI for SST; improved satellite stability / uncertainty and error estimation / validation including enhanced Fiducial Reference Measurements; and enhanced knowledge of SST variability and physics of measurements. The importance of international collaboration was highlighted for all domains.

Another publication released this year was the white paper of Current and future sea surface temperature missions: Towards 2050, by the CEOS Sea Surface Temperature Virtual Constellation (SST-VC). The white paper will be available from ceos.org soon.

At this year's meeting we will have pre-recorded oral and poster presentations focused on Validation and Calibration, Applications, Retrieval Algorithms, Services and Products, and Analyses and Reanalyses. We will also progress on the several on-going Task Team topics. In particular, we will hear about the latest status from the Regional / Global Task Sharing team and how to proceed with the implementation aspects.

I am looking forward to an interesting and stimulating week and I hope you enjoy the meeting and find it productive and useful.

Have a great week!

Anne O'Carroll

(Chair of the GHRSST Science Team)

1. Organisation

1.1. General

The meeting will be held on-line via the EUMETSAT Training Team's Moodle. All participants should create an account at https://training.eumetsat.int/.

Participants can enrol (register) for the meeting by going to site above, clicking on GROUPS > GHRSST and then on the link: 21st GHRSST INTERNATIONAL SCIENCE TEAM MEETING (G-XXI) or go to https://training.eumetsat.int/enrol/index.php?id=367 and log in. Click on Self-enrolment (Participant) and follow the instructions. Most of the meeting page content will be hidden until the start of the meeting at 00:00 GMT on Monday 1st June 2020.

During the meeting all content will be available for the whole meeting. Presentations will be a mix of pre-recorded oral presentations, poster presentations and some annotated slide presentations.

Discussion will be by on-line forums. Participants will be able to type their questions and answers into the forum. Presenters will nominate a time when they will be on-line for more immediate communication and are asked, in addition, to return to the forums several times during the meeting to respond to questions and comments from participants who maybe in different time-zones and unable to attend at the presenters nominated time.

The session presenter lists and time-table are in the Agenda below (the version available from the website at https://www.ghrsst.org/meetings/21st-ghrsst-international-science-team-meeting-g-xxi/ will be updated regularly). **The information is presented in two ways: first, in Section 2, listed by session and presentation type; second, in Section 3, by presenter's on-line time-slot**. Note that the meeting days run from 00:00 to 23:59 GMT and all times are in GMT.

Chairing teams have been chosen to cover three groups of time-zones (Americas, Europe-Africa, and Asia-Australia).

Note: in order to accommodate the spread of time zones of participants there will be no real time presenting during the meeting. The only exceptions are the side-meetings of the GHRSST Advisory Council and the CEOS SST-VC which will take place via Webex.

Further details of the different Sessions are given in the sections below.

1.2. Science Sessions

Science sessions will have four oral presentations and a number of poster presentations.

The **oral presentations** are pre-recorded and will be available for viewing from the meeting page. There will be a forum for discussions of oral presentations and general session discussion. Discussion threads will have been started on the forum for each presentation and users can start new threads as needed. Oral presenters have been asked to nominate a 30 minute time slot when they will be

on-line to answer questions and to visit the forum at other times to answer questions left by participants.

The **posters** will be available to view via a Padlet and each Session has its own poster discussion forum with a thread for each poster. The poster presenters have been asked to nominate a 60 minute time slot when they will be on-line to discuss their posters and also to revisit periodically.

1.2.1. Information for presenters of oral presentations in Science Sessions

You have been asked nominate a 30 minute time-slot in GMT when you will be available on-line to answer questions. You should enter your Session forum and identify the forum thread for your presentation. Please announce yourself on the thread and discuss the points raised in response to your presentation.

We would also like you to check on the discussion of your presentation a few times during the following days to answer questions from participants who perhaps because of time-zone differences were not available during your nominated 30 minutes.

After the meeting, please would you **submit an extended abstract** of no more than four pages for publication in the Proceedings. You may like to write the bulk of the abstract before or during the meeting but please include in your abstract the outcomes of the meeting discussion of your presentation. Extended abstracts should be submitted to Silvia Bragaglia-Pike (gpa@ghrsst.org), using this template **not later than 29th June 2020**. Subject: 'GXXI extended abstract'

1.2.2. Information for presenters of poster presentations in Science Sessions

You have been asked to nominate a one hour time slot on the day of your Session when you will be on-line to discuss your poster with participants. Each poster has its own discussion thread, please announce yourself when you are on-line for questions and please check back over the following 24 hours to catch questions from participants in other time-zones.

1.3. Agency Reporting

Agency reporting will be by a slide deck and on-line discussion forum. Each agency representative will supply 2 annotated slides to be included in the deck which will be available to download from the EUMETSAT Training Team's Moodle. The agency representatives have nominated a 30 minute period on Monday 1st June 2020 when they will be on-line to answer questions and to return to the forum periodically to respond to questions and comments from participants unable to be on-line during their chosen time slot.

1.3.1. Information for agency representatives

Agency representatives are asked to be on-line to respond to questions and comments during their nominated one hour time slot on Monday 1st June 2020, the day of the Agency Reporting Session, and to check back over the following days to catch questions from participants in other time-zones.

1.4. Task Teams

Each Task Team Session will cover five task teams.

The Task Team (TT) chairs will report the progress of their TTs and their plans for the coming year. There will be a discussion forum in each session. The TT chairs have nominated a 30 minute slot on Thursday 4th June 2020 when they will be available on-line for questions and asked to revisit the forum periodically. There will also be a poll for the participants to vote on whether or not to continue a TT.

The task teams also have a separate work area for use during and after the meeting. The task team chairs are able to enrol task team members on this work area.

1.4.1. Information for Task Team chairs

Task Team chairs are asked to be on-line to respond to questions and comments during their nominated one hour time slot on Thursday 4th June 2020, the day of the Task Team Session, and to visit the forum periodically during the meeting to catch questions from participants in other time-zones.

1.5. Session Chairs and Co-chairs

Each Session has a chairing team led by the Chair complemented by two Co-chairs. The Chair and Co-chairs have been chosen to represent the range of time-zones of meeting participants. The main tasks of a Session chairing team are to lead/moderate the discussion and to prepare a **short summary of the session**. The Chair should work closely with the Co-chairs splitting the reporting and moderating work up amongst the team taking advantage of their different time-zones.

Summary reports should be suitable for publication in the Proceedings (available template) and are to be **delivered to the GPO** (gpa@ghrsst.org) **with 'GXXI Report, Session xxx' in the subject before the end of the meeting if possible, and no later than 29th June 2020**.

1.6. Summary of deadlines

- **Enrolment now opened** – see instructions in paragraph 1.1 General above
- Meeting dates: **1st - 4th June 2020**
- Session reports: **not later than 29th June 2020**
- Extended abstract for Proceedings: **not later than 29th June 2020**

1.7. Registration to the meeting

See information under **General** in Section 1.1.

1.8. GHRSST Advisory Council Meeting

The GHRSST Advisory Council Meeting will take place via Webex at 06:00 GMT (08:00 CEST) on Friday 5th June 2020.

1.9. CEOS SST-VC Meeting

The SST-VC will meet by WebEx at 20:00 – 22:00 GMT (22:00 - 00:00 CEST) on Tuesday 2nd June 2020.

2. Programme

All sessions run from 00:00 to 23:59 GMT. The presentations are available to view on the meeting Moodle at any time during the meeting.

A time Calendar of the following Programme can be found in **Section 3**. Every event can be cross referenced by its unique reference in front of the title (e.g. 'S1-1' for the first event below).

Green = Oral **Blue = Poster** **No colour = mainly slides**

2.1. Monday 1st June 2020	**Presenter**	**Time on-line GMT**
Science 1: Retrieval Algorithms Chair: Marouan Bouali Co-chairs: Pradeep Thapliyal, Jonathan Mittaz		
S1-1 - Infrared Radiative Simulated SSTskin Through Aerosol-Burdened Atmosphere	Bingkun Luo	18:00 - 18:30
S1-3 - Modis Sea-Surface Temperatures: Characteristics of the R2019.0 Reprocessing of the Terra and Aqua Missions	Peter Minnett	14:30-15 20-20:30
S1-4 - Retrieval of SST from Copernicus Imaging Microwave Radiometer (CIMR) observations	Jacob Hoyer	15:00 - 15:30
S1-P1 - Operational Sea Surface Temperature Retrieval using GK2A of KMA	JaeGwan Kim	09:00 – 10:00
S1-P2 - SST retrieval developments for the ESA Climate Change Initiative	Owen Embury	10:00 – 11:00
S1-P3 - Error estimation of Pathfinder Version 5.3 SST Level 3C using extended triple collocation approach	Korak Saha	15:00 - 16:00
S1-P4 - SGLI SST Ver. 2.0	Yukio Kurihara	09:00 – 10:00
S1-P5 - Overview of AMSR-3 on the Global Observing Satellite for Greenhouse Gases and Water Cycle (GOSAT-GW)	Misako Kachi	10:00-11:00
S1-P6 - A Priori Bias Effects in the Optimal Estimation of Sea Surface Temperature Retrievals from Satellite IR Radiometers	Goshka Szczodrak	15:00 – 16:00
S1-P7 - SST Observations during the SLSTR Tandem Phase	Jonathan Mittaz	16:00 - 17:00
S1-P8 - Feasibility Analysis Of Sea Ice Concentration Data Reconstruction Over Arctic Based On Chinese Satellite-Borne Microwave Radiometer	Qimao Wang/Lijian Shi	01:00 -01:30

Continues next page

2.1. Monday 1st June 2020	Presenter	Time on-line GMT
Agency reporting Chair: Anne O'Carroll Co-chairs: Yukio Kurihara, Eileen Maturi		
AR-1 - GHRSST system Components: GDAC	Ed Armstrong	17:00-17:30
AR-2 - GHRSST system Components: EU GDAC	Jean-François Piollé	14:00-15:00
AR-3 - GHRSST system Components: LTSRF	John Huai-Min Zhang	15:00-16:00
AR-4 - GHRSST system Components: SQUAM and iQUAM	Alexander Ignatov	12:00-12:30
AR-5 - Report from CMA	Sujuan Wang	10:00-10:30
AR-6 - Report from ESA	Craig Donlon	09:30- 10:00
AR-7 - Report from MISST	Chelle Gentemann	TBD
AR-8 - Report from NSOAS	Qimao Wang/Lijian Shi	01:00-01:30
AR-9 - RDAC Update: AboM	Helen Beggs	12:30- 13:00
AR-10 - RDAC Update: CMC	Dorina Surcel-Colan	14:00-15:00
AR-11 - RDAC Update: CMEMS	Bruno Buongiorno Nardelli	08:30-09:00
AR-12 - RDAC Update: EUMETSAT	Anne O'Carroll	11:30-12:00
AR-13 - RDAC Update: JAXA	Misako Kachi	09:00-09:30
AR-14 - RDAC Update: JMA	Toshiyuki Sakurai	07:00-07:30
AR-15 - RDAC Update: Met Office	Chongyuan Mao	13:30-14:00
AR-16 - RDAC Update: NASA	Ed Armstrong	17:00-17:30
AR-17 - RDAC Update: NAVO	Bruce McKenzie	15:00-15:30
AR-18 - RDAC Update: NOAA NCEI	Huai-Ming Zhang	15:00-16:00
AR-19 - RDAC Update: NOAA NESDIS STAR 1	Alexei Ignatov	12:00-12:30
AR-20 - RDAC Update: NOAA/NESDIS/STAR SST2	Eileen Maturi	12:30-13:00
AR-21 - RDAC Update: NOAA NCEI	Huai-Ming Zhang	15:00-16:00
AR-22 - RDAC Update: OSI-SAF	Stéphane Saux Picart	09:30-10:00
AR-23 - GHRSST Connection with CEOS: SST-VC	Ed Armstrong	17:00-17:30

Green = Oral Blue = Poster No colour = mainly slides

2.2. Tuesday 2nd June 2020	Presenter	Time on-line GMT
Science 2: Calibration and Validation Chair: Simon Good Co-chairs: Kyung-Ae Park, Gary Wick		
S2-1 - Validation of satellite derived sea surface temperature and sea surface salinity gradients: Comparisons with the Saildrone Baja and Gulf Stream deployments	Jorge Vazquez	17:00 - 17:30
S2-2 - Evaluation of HRSST drifters using Copernicus SLSTR	Gary Corlett	14:00 - 15:00
S2-3 - Sentinel-3 SLSTR SST Validation using a Fiducial Reference Measurements (FRM) Service	Werenfrid Wimmer	10:00 - 10:30
S2-4 - On the applicability of Copernicus Sentinel-3A and -3B Sea and Land Surface Temperature Radiometers as reference sensors	Gary Corlett	14:00 - 15:00
S2-5 - 2019 Arctic Saildrone Field Campaign: Measurements of Sea Surface Salinity and Temperature for Validation of Satellite Retrievals	Chelle Gentemann	14:00 - 14:30
S2-P1 - Forty-five years of oceanographic and meteorological observations at a coastal station in the NW Mediterranean: a ground truth for satellite observations	Jorge Vazquez	21:00 - 22:00
S2-P2 - Comparison of SGLI and M-AERI skin SST	Yukio Kurihara	00:00 - 01:00
S2-P3 - EUMETSAT SLSTR Sea Surface Temperature Multi-mission Matchup Database	Igor Tomazic	15:00 - 16:00
S2-P4 - Inter-comparison of Daily Sea Surface Temperature Data and in-situ Temperatures at Korean Coastal Regions	Kyung-ae Park	09:00 - 09:30
S2-P5 - High Resolution Sea surface Temperature Retrieval Using Landsat 8 Oli/Tirs Data at coastal region	Kyung-ae Park	09:30 - 10: 00
S2-P6 - Initial assessment for the calibration of HY-1C COCTS infrared channels	Mingkun Liu	13:00 - 14: 00

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2.2. Tuesday 2nd June 2020	Presenter	Time on-line GMT
Science 3: Analyses and Reanalyses Chair: Helen Beggs Co-chairs: Andy Harris, Stéphane Saux Picart		
S3-1 - The intercomparison of Sea Surface Temperature Products in the framework of the Copernicus Climate Change Service	Chunxue Yang	09:00 - 09:30
S3-2 - Daily ICOADS3.0.2 and its impact on DOISST	Chunying Liu	15:00 - 16:00
S3-3 - A geometrical approach for Level 3 (super) collated and Level 4 SST analysis	Marouan Bouali	15:00 - 15:30
S3-4 - Ingesting VIIRS SST into the Bureau of Meteorology's Operational SST Analyses	Helen Beggs	10:00 - 11:00
S3-P1 - Improvements of the Daily Optimum Sea Surface Temperature (DOISST) Version 2.1	Boyin Huang	14:00 – 15:00
S3-P2 - OSTIA: past and future developments	Simon Good	14:00 - 15:00
S3-P3 - The recent update of SST analysis in NCEP GFS and a few related fundamental issues	Xu Li	14:00 - 15:00
S3-P4 - Towards 2nd reanalysis of NOAA AVHRR GAC Data (RAN2): Evaluation	Victor Pryamitsyn	14:00 - 15:00
S3-P5 - Towards 2nd reanalysis of NOAA AVHRR GAC Data (RAN2): Methodology	Boris Petrenko	13:00 - 14:00
S3-P6 - Optimum Interpolation Analysis For Sea Surface Temperature Using The Oriented Elliptic Correlation Scales	Zhihong Liao	07:00 – 08:00

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2.3. Wednesday 3rd June 2020	Presenter	Time on-line GMT
Science 4: Services and Products Chair: Misako Kachi Co-chairs: Edward Armstrong, Owen Embury		
S4-1 - A new era of science	Chelle Gentemann	14:00 - 14:30
S4-2 - Connecting Users and Applications with PO.DAAC hosted GHRSST data	Edward Armstrong	16:00 - 16:30
S4-3 - A Lagrangian Global Dataset of Sea Surface Temperature	Shane Elipot	18:00 - 18:30
S4-4 - Ingesting SLSTR SST into IMOS Multi-sensor SST composites	Pallavi Govekar	10:00 - 11:00
S4-P1 - Towards Global L3S Products at NOAA	Olafur Jonasson	13:00 - 14:00
S4-P2 - CMEMS SST-TAC: achievements during the second year (2019) and evolutions plans in 2020	Andrea Pisano	13:30 - 14.30
S4-P3 - Advancing data discovery and services in support of the GHRSST community	Wen-Hao Li	16:00 -17:00
S4-P4 - EUMETSAT Copernicus Marine Training and User Support	Hayley Evers-King	12:00 - 13:00
S4-P5 - A Comparison between Iquam and “external” in situ SST Quality Controls	Haifeng Zhang	14:00 - 15:00
S4-P6 - The Oceanview (Ov): Towards a Web-Application for Integrated Visualization of Satellite, In Situ, and Model Data & Ocean Events – The Concept and The Plan	Prasanjit Dash	16:00 - 17:00
S4-P7 - Status of VIIRS SST Products at NOAA	Olafur Jonasson	15:00 - 16:00
S4-P8 - Status of MetOp SST Products at NOAA	Victor Pryamitsyn	14:00 - 15:00
S4-P9 - Data reduction service for the v2.1 sea surface temperature analysis from the ESA Climate Change Initiative	Chris Merchant	13:30-14:30
S4-P10 - NAVOCEANO SST Processing	Danielle Carpenter	14:00 -15:00

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2.4. Thursday 4th June 2020	Presenter	Time On-line GMT
Science 5: Applications Chair: Jorge Vazquez Co-chairs: Sujuan J Wang, Salvatore Marullo		
S5-1 - Comparison of multiple SST products using the Marine Heatwave Tracker	Robert Schlegel	13:00 - 13:30
S5-2 - Integrating regionally optimised sea surface temperature and ocean color earth observation products to detect and monitor harmful algal blooms in support of small scale fishers and the abalone aquaculture industry in the Southern Benguela Upwelling System	Christo Whittle	09:00 - 09:30
S5-3 - Multi-Decadal Examination of Thermal Habitat Suitability for the Endangered Delta Smelt in the San Francisco Estuary using Landsat 5, 7, and 8	Gregory Halverson	23:00 -23:30
S5-4 - On the use of sea surface temperature (SST) for improving the altimeter derived surface currents: a sensitivity study to SST products	Daniele Ciani	10:00 - 10:30
S5-P1 - NOAA's Ocean Heat Content Suite for the Indian Ocean	Eileen Maturi	11:00 - 11:30
S5-P2 - Address Tropical Climate Variability with Neural Network Models	Francesca Leonelli	15:00 - 16:00
S5-P3 - The Mediterranean, almost 40 years of continued warming	Francisco Pastor	10:00 - 11:00

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2.4. Thursday 4th June 2020	Presenter	Time On-line GMT
Task Teams Session 1 Chair: Charlie Barron Co-chairs: Misako Kachi, Craig Donlon		
TTS1-1 - Cloud masking	Chris Merchant	13:30 - 14:30
TTS1-2 - Regional and Global Task Sharing Task Team	Jean-François Piollé	05:00-05:30
TTS1-3 - Single Sensor Error Statistics and L4	Andy Harris	15:00-15:30
TTS1-4 - Pixel to pixel variation,	Peter Cornillon	15:30-16:00
TTS1-5 - Coral heat stress - user needs,	William Skirving	06:30-07:00

Task Teams Session 2 Chair: Chris Merchant Co-chairs: Lei Guan, Peter Minnett		
TTS2-1 - Shipborne radiometry	Werenfrid Wimmer	09:00-09:30
TTS2-2 - GHRSST Match-up Dataset	Igor Tomazic	15:00-15:30
TTS2-3 - GHRSST Climatology and L4 Inter-comparison	Helen Beggs and Chunxue Yang	12:00-12:30
TTS2-4 - High-Latitude SST	Chelle Gentemann	TBD
TTS2-5 - Climate Data Assessment Framework	Jonathan Mittaz	13:00-13:30

3. Calendar (by availability of presenters)

KEY TO ABBREVIATIONS:

AR – Agency Reporting
S1 – Science 1: Retrieval Algorithms
S2 - Science 2: Calibration and Validation
S3 - Science 3: Analyses and Reanalyses
S4 - Science 4: Services and Products
S5 - Science 5: Applications
TTS1 - Task Teams Session 1
TTS2 - Task Teams Session 2

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3.1. Monday 1st June 2020 *(Calendar)*	Presenter	Time on-line GMT
S1-P8 - Feasibility Analysis Of Sea Ice Concentration Data Reconstruction Over Arctic Based On Chinese Satellite- Borne Microwave Radiometer	Qimao Wang/Lijian Shi	01:00-01:30
AR-08 - Report from NSOAS	Qimao Wang/Lijian Shi	01:00 - 01:30
AR-14 - RDAC Update: JMA	Toshiyuki Sakurai	07:00-07:30
AR-11 - RDAC Update: CMEMS	Bruno Buongiorno Nardelli	08:30-09:00
S1-P1 - Operational Sea Surface Temperature Retrieval using GK2A of KMA	JaeGwan Kim	09:00-10:00
S1-P4 - SGLI SST Ver. 2.0	Yukio Kurihara	09:00-10:00
AR-13 - RDAC Update: JAXA	Misako Kachi	09:00-09:30
AR-06 - Report from ESA	Craig Donlon	09:30-10:00
AR-22 - RDAC Update: OSI-SAF	Stéphane Saux Picart	09:30-10:00
S1-P2 - SST retrieval developments for the ESA Climate Change Initiative	Owen Embury	10:00-11:00
AR-05 - Report from CMA	Sujuan Wang	10:00-10:30
S1-P5 - Overview of AMSR-3 on the Global Observing Satellite for Greenhouse Gases and Water Cycle (GOSAT- GW)	Misako Kachi	10:00-11:00
AR-12 - RDAC Update: EUMETSAT	Anne O'Carroll	11:30-12:00
AR-19 - RDAC Update: NOAA NESDIS STAR 1	Alexei Ignatov	12:00-12:30
AR-04 - GHRSST system Components: SQUAM and iQUAM	Alexander Ignatov	12:00-12:30
AR-09 - RDAC Update: AboM	Helen Beggs	12:30-13:00
AR-20 - RDAC Update: NOAA/NESDIS/STAR SST2	Eileen Maturi	12:30-13:00
AR-15 - RDAC Update: Met Office	Chongyuan Mao	13:30-14:00
AR-10 - RDAC Update: CMC	Dorina Surcel-Colan	14:00-15:00

3.1. Monday 1st June 2020 *(Calendar)*	Presenter	Time on-line GMT
AR-02 - GHRSST system Components: EU GDAC	Jean-François Piollé	14:00-15:00
S1-3 - Modis Sea-Surface Temperatures: Characteristics of the R2019.0 Reprocessing of the Terra and Aqua Missions	Peter Minnett	14:30-15 AND 20-20:30
S1-4 - Retrieval of SST from Copernicus Imaging Microwave Radiometer (CIMR) observations	Jacob Hoyer	15:00-15:30
S1-P3 - Error estimation of Pathfinder Version 5.3 SST Level 3C using extended triple collocation approach	Korak Saha	15:00- 16:00
S1-P6 - A Priori Bias Effects in the Optimal Estimation of Sea Surface Temperature Retrievals from Satellite IR Radiometers	Goshka Szczodrak	15:00- 16:00
AR-17 - RDAC Update: NAVO	Bruce McKenzie	15:00-15:30
AR-18 - RDAC Update: NOAA NCEI	Huai-Ming Zhang	15:00-16:00
AR-21 - RDAC Update: NOAA NCEI	Huai-Ming Zhang	15:00-16:00
AR-03 - GHRSST system Components: LTSRF	John Huai-Min Zhang	15:00-16:00
S1-P7 - SST Observations during the SLSTR Tandem Phase	Jonathan Mittaz	16:00- 17:00
AR-01 - GHRSST system Components: GDAC	Ed Armstrong	17:00-17:30
AR-16 - RDAC Update: NASA	Ed Armstrong	17:00-17:30
AR-23 - GHRSST Connection with CEOS: SST-VC	Ed Armstrong	17:00-17:30
S1-1 - Infrared Radiative Simulated SSTskin Through Aerosol Burdened Atmosphere	Bingkun Luo	18:00- 18:30
AR-07 - Report from MISST	Chelle Gentemann	TBD

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3.2. Tuesday 2nd June 2020 *(Calendar)*	Presenter	Time on-line GMT
S2-P2 - Comparison of SGLI and M-AERI skin SST	Yukio Kurihara	00:00- 01:00
S3-P6 - Optimum Interpolation Analysis For Sea Surface Temperature Using The Oriented Elliptic Correlation Scales	Zhihong Liao	07:00- 08:00
S2-P4 - Inter-comparison of Daily Sea Surface Temperature Data and in-situ Temperatures at Korean Coastal Regions	Kyung-ae Park	09:00 - 09:30
S2-P5 - High Resolution Sea surface Temperature Retrieval Using Landsat 8 Oli/Tirs Data at coastal region	Kyung-ae Park	09:30 - 10: 00
S3-1 - The intercomparison of Sea Surface Temperature Products in the framework of the Copernicus Climate Change Service	Chunxue Yang	09:00- 09:30
S2-3 - Sentinel-3 SLSTR SST Validation using a Fiducial Reference Measurements (FRM) Service	Werenfrid Wimmer	10:00- 10:30
S3-4 - Ingesting VIIRS SST into the Bureau of Meteorology's Operational SST Analyses	Helen Beggs	10:00- 11:00
S2-P6 - Initial assessment for the calibration of HY-1C COCTS infrared channels	Mingkun Liu	13:00-14: 00
S3-P5 - Towards 2nd reanalysis of NOAA AVHRR GAC Data (RAN2): Methodology	Boris Petrenko	13:00- 14:00
S2-5 - 2019 Arctic Saildrone Field Campaign: Measurements of Sea Surface Salinity and Temperature for Validation of Satellite Retrievals	Chelle Gentemann	14:00- 14:30
S3-P2 - OSTIA: past and future developments	Simon Good	14:00- 15:00
S3-P3 - The recent update of SST analysis in NCEP GFS and a few related fundamental issues	Xu Li	14:00-15:00
S3-P4 - Towards 2nd reanalysis of NOAA AVHRR GAC Data (RAN2): Evaluation	Victor Pryamitsyn	14:00- 15:00
S3-P1 - Improvements of the Daily Optimum Sea Surface Temperature (DOISST) Version 2.1	Boyin Huang	14:00- 15:00
S2-2 - Evaluation of HRSST drifters using Copernicus SLSTR	Gary Corlett	14:00- 15:00
S2-4 - On the applicability of Copernicus Sentinel-3A and -3B Sea and Land Surface Temperature Radiometers as reference sensors	Gary Corlett	14:00- 15:00
S3-3 - A geometrical approach for Level 3 (super) collated and Level 4 SST analysis	Marouan Bouali	15:00- 15:30
S3-2 - Daily ICOADS3.0.2 and its impact on DOISST	Chunying Liu	15:00- 16:00
S2-P3 - EUMETSAT SLSTR Sea Surface Temperature Multi-mission Matchup Database	Igor Tomazic	**15:00-16:00**

Tuesday 2nd June 2020 *(Calendar)* (ctd)	Presenter	Time on-line GMT
S2-1 - Validation of satellite derived sea surface temperature and sea surface salinity gradients: Comparisons with the Saildrone Baja and Gulf Stream deployments	Jorge Vazquez	17:00-17:30
S2-P1 - Forty-five years of oceanographic and meteorological observations at a coastal station in the NW Mediterranean: a ground truth for satellite observations	Jorge Vazquez	21:00-22:00

Green = Oral **Blue = Poster** **No colour = mainly slides**

3.3. Wednesday 3rd June 2020 *(Calendar)*	Presenter	Time on-line GMT
S4-4 - Ingesting SLSTR SST into IMOS Multi-sensor SST composites	Pallavi Govekar	10:00-11:00
S4-P4 - EUMETSAT Copernicus Marine Training and User Support	Hayley Evers-King	12:00-13:00
S4-P1 - Towards Global L3S Products at NOAA	Olafur Jonasson	13:30-14:30
S4-P2 - CMEMS SST-TAC: achievements during the second year (2019) and evolutions plans in 2020	Andrea Pisano	13:30-14:30
S4-P9 - Data reduction service for the v2.1 sea surface temperature analysis from the ESA Climate Change Initiative	Chris Merchant	13:30-14:30
S4-1 - A new era of science	Chelle Gentemann	14:00- 14:30
S4-P5 - A Comparison between Iquam and "external" in situ SST Quality Controls	Haifeng Zhang	14:00- 15:00
S4-P8 - Status of MetOp SST Products at NOAA	Victor Pryamitsyn	14:00- 15:00
S4-P10 - NAVOCEANO SST Processing	Danielle Carpenter	14:00-15:00
S4-P7 - Status of VIIRS SST Products at NOAA	Olafur Jonasson	15:00- 16: 00
S4-2 - Connecting Users and Applications with PO.DAAC hosted GHRSST data	Edward Armstrong	16:00- 16:30
S4-P6 - The Oceanview (Ov): Towards a Web-Application for Integrated Visualization of Satellite, In Situ, and Model Data & Ocean Events – The Concept and The Plan	Prasanjit Dash	16:00- 17:00
S4-P3 - Advancing data discovery and services in support of the GHRSST community	Wen-Hao Li	16:00-17:00
S4-3 - A Lagrangian Global Dataset of Sea Surface Temperature	Shane Elipot	18:00-18:30

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3.4. Thursday 4th June 2020 *(Calendar)*	Presenter	Time On-line GMT
TTS1-2 - Regional and Global Task Sharing Task Team	Jean-François Piollé	05:00-05:30
TTS1-5 - Coral heat stress - user needs,	William Skirving	06:30-07:00
S5-2 - Integrating regionally optimised sea surface temperature and ocean color earth observation products to detect and monitor harmful algal blooms in support of small scale fishers and the abalone aquaculture industry in the Southern Benguela Upwelling System	Christo Whittle	09:00 - 09:30
TTS2-1 - Shipborne radiometry	Werenfrid Wimmer	09:00-09:30
S5-4 - On the use of sea surface temperature (SST) for improving the altimeter derived surface currents: a sensitivity study to SST products	Daniele Ciani	10:00 - 10:30
S5-P3 - The Mediterranean, almost 40 years of continued warming	Francisco Pastor	10:00 - 11:00
S5-P1 - NOAA's Ocean Heat Content Suite for the Indian Ocean	Eileen Maturi	11:00 - 11:30
TTS2-3 - GHRSST Climatology and L4 Inter-comparison	Helen Beggs and Chunxue Yang	12:00-12:30
S5-1 - Comparison of multiple SST products using the Marine Heatwave Tracker	Robert Schlegel	13:00 to 13:30
TTS2-5 - Climate Data Assessment Framework	Jonathan Mittaz	13:00-13:30
TTS1-1 - Cloud masking	Chris Merchant	13:30 – 14:30
S5-P2 - Address Tropical Climate Variability with Neural Network Models	Francesca Leonelli	15:00 - 16:00
TTS1-3 - Single Sensor Error Statistics and L4	Andy Harris	15:00-15:30
TTS2-2 - GHRSST Match-up Dataset	Igor Tomazic	15:00-15:30
TTS1-4 - Pixel to pixel variation,	Peter Cornillon	15:30-16:00
S5-3 - Multi-Decadal Examination of Thermal Habitat Suitability for the Endangered Delta Smelt in the San Francisco Estuary using Landsat 5, 7, and 8	Gregory Halverson	23:00 - 23:30
TTS2-4 - High-Latitude SST	Chelle Gentemann	TBD

4. Contacts

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More useful links

GHRSST website: http://www.ghrsst.org