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# LST\_cci User Workshop 2020 Agenda

Virtual Workshop

24 - 26 June 2020

Draft Agenda v2.6 – 26 June 2020

 **Met Office**  
Hadley Centre



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## 1. WELCOME

The LST\_cci project would like to extend a warm welcome to participants of the 2020 User Workshop 2020. This booklet provides information about the workshop for presenters, session chairs, and other meeting participants. Information about the workshop can also be found on the meeting webpages <https://ws2020-lst-cci.acri-cwa.fr/>.

Due to the Covid-19 global pandemic, the LST\_cci User Workshop 2020 will be held via remote participation. The meeting is being hosted by the Met Office Hadley Centre with the support of several of the LST\_cci core project team and ESA.

## 2. ORGANISATION

### 2.1 General Information

The LST\_cci 2020 User Workshop organising committee includes:

- Lizzie Good (LST\_cci Climate Research Group lead, Met Office Hadley Centre)
- Freya Aldred (LST\_cci Project Team, Met Office Hadley Centre)
- Darren Ghent (LST\_cci Principle Investigator, University of Leicester)
- Claire Bulgin (LST\_cci Project Team, University of Reading)
- Simon Pinnock (LST\_cci ESA Technical Officer)

The workshop comprises of two components: a ‘live’ component and an ‘offline’ component. The live component will be conducted through Zoom (<https://zoom.us/>) over four 1-hour sessions between 11:30 and 17:30 CEST on 24-26 June and will include oral presentations and discussions. The offline component will take place on Padlet (<https://padlet.com/>) and will include the poster presentations, links to recordings of the live workshop sessions, and some discussion, where each poster and oral presentation will have a dedicated discussion thread. The timings of the live workshop and availability of the offline workshop component is to enable as many delegates as possible to participate from across different time zones.

The full agenda for the workshop is available in the [Agenda](#) section of this information booklet. **Please note that all times in this document are in CEST.**

If you require any help or information related to the workshop, please email [info.lst-cci@acri-st.fr](mailto:info.lst-cci@acri-st.fr).

### 2.2 Presentations

The abstract deadline for oral and poster presentations for the workshop has now closed.

To ensure the workshop runs smoothly, **please upload your oral and poster presentations to Padlet by 09:00 CEST on Monday 22 June 2019**, see the [Using Padlet - Quick Guide](#) section of this information booklet on how to do this.

Presenters are asked to pay particular attention to their allotted time in the [Agenda](#), which includes both time for the presentation and for questions. Most oral presentation slots are 20 minutes, which should include about 5 minutes for questions. When putting together presentation slides, please bear in mind some participants may have limited bandwidth and video content/animations may cause issues for them.

The workshop organising committee would like to record all presentations through Zoom. This is to enable oral presentations to be made available to those participating in the workshop ‘offline’. The committee would also like to make slides and posters available to the public via the meeting webpages after the event. **If you would prefer that your presentation is not recorded and/or made publicly available, please email [info.lst-cci@acri-st.fr](mailto:info.lst-cci@acri-st.fr) to let the project team know.**

Posters will only be presented through Padlet, which will be available throughout the workshop. Participants are encouraged to view the posters outside of the live workshop sessions, post comments and questions, and participate in the offline discussions.

### 2.3 Session Chairs

Each live session will be chaired by one of the LST\_cci project team. Session chairs are asked to:

- Introduce each speaker briefly
- Keep the presentations to the allotted time
- Monitor the Zoom chat facility
- Lead/moderate discussion

It is particularly important that the live sessions keep to time as the workshop is being held virtually with people joining from different time zones. The scheduled breaks are also important to maintain participant engagement. Chairs are therefore asked to pay particular attention to keeping time during presentations and should make every effort to ensure sessions do not overrun into breaks.

Oral presentation slots in the agenda include both time for the presentation and questions. Most slots are 20 minutes in length, which should include about 5 minutes for questions.

In general, talks should be chaired as follows:

- 1) The chair should introduce the speaker.
- 2) The session chair should give a verbal notification to the speaker two minutes before the presentation is due to finish (e.g. after 13 minutes in a 20-minute presentation slot) in order to allow time for questions.
- 3) The session chair should give further verbal reminders every 1-2 minutes as appropriate to encourage the speaker to keep to time.
- 4) If a presenter overruns, the time for questions should be reduced such that the slot finishes approximately on time.
- 5) Session chairs are asked not to allow questions if the speaker has used up their entire time slot in the agenda (e.g. 20 minutes).
- 6) If the speaker has received verbal reminders from the session chair but has still not completed their presentation within one minute after the end of their allotted slot (e.g. within 21 minutes), the meeting hosts will cease screen-sharing and mute the presenter.

As a session chair, you will not usually be made a co-host on Zoom.

### 2.4 Further information

Please send all correspondence regarding the workshop to [info.lst-cci@acri-st.fr](mailto:info.lst-cci@acri-st.fr). For further information about the workshop, please visit the workshop webpages at <https://ws2020-lst-cci.acri-cwa.fr/> and the [Padlet workshop introduction pages](#).

### 3. LIVE WORKSHOP JOINING INSTRUCTIONS

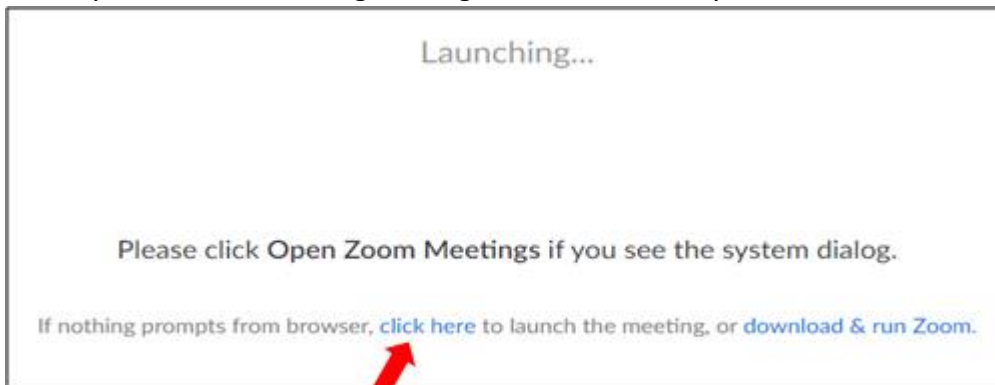
The live component of the workshop will take place using the Zoom video conferencing platform. On the day, please use the following URL and password, Chrome is the recommended browser for the best experience of Zoom.

URL: <https://us02web.zoom.us/j/88950692366?pwd=NXBOcm91ZmZwUDJ3WXZ0M0pFd0JJUT09>  
Password: 867868

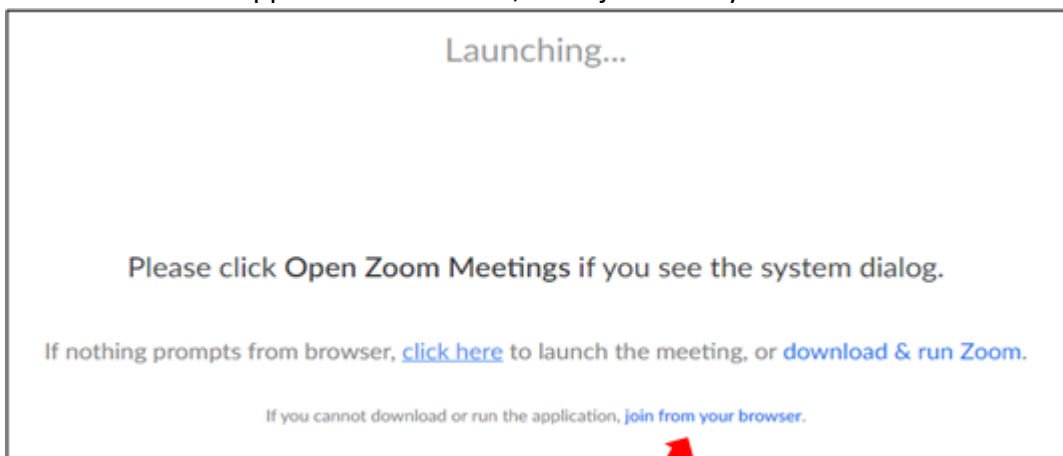
Some institutional IT systems do not permit downloading Zoom. In this case, you should be able to access the meeting via the browser option as per the instructions below. You may not see the option to 'join from the browser' unless you are using Chrome. If you encounter problems, you may need to use a different device if you have one, or dial in by telephone for audio participation only (note all presentations should be available to view on [Padlet](#)).

#### 3.1 Accessing the meeting via the browser:

When you see the following message, click where it says 'click here'



A second line will appear on the screen, click 'join from your browser'



When prompted to enter your name, **please type your first name and surname** so it is easy to identify everyone when it comes to the discussion.

### 3.2 Accessing the meeting via telephone:

If you are unable to join the meeting through the Zoom app or web browser, you can join the meeting through the following toll-free telephone numbers and Meeting ID, and view the presentation slides through Padlet (see section [Using Padlet - Quick Guide](#)).

Meeting ID: 889 5069 2366

Password: 867868

Country	Toll-free number	Toll-free number	Toll-free number
Australia	1800 945 157	1800 317 562	1800 893 423
Austria	800 104 430	0 800 102 309	
Belgium	0 800 294 51	0 800 293 46	
Brazil	0 800 878 3108	0 800 761 4138	0 800 282 5751
Bulgaria	00 800 111 3251		
Denmark	80 71 12 56	80 71 12 51	
Canada	855 703 8985		
Croatia	0 800 200 588		
China	<i>No number available</i>		
France	0 800 944 049	0 800 940 415	
Germany	0 800 1800 150	0 800 000 1590	0 800 000 6954
India	000 800 050 5050	000 800 040 1530	
Italy	800 790 654	800 088 202	800 125 671
Nigeria			
Netherlands	0 800 220 0040	0 800 022 1954	
New Zealand	0 800 527 544	0 800 307 929	
Portugal	800 780 072	800 780 052	
Romania	0 800 890 203	0 80 672 631	
S. Korea	0 808 220 250		
Spain	900 053 647	800 654 404	800 906 063
Sweden	0 200 123 720	0 200 123 514	
Switzerland	0 800 561 252	0 800 002 622	
UK	0 800 358 2817	0 800 031 5717	0 800 260 5801
USA	888 788 0099	877 853 5247	

For the full list of telephone numbers you can use for this meeting, please see <https://us02web.zoom.us/j/kc4wSHePKW>.

## 4. LIVE WORKSHOP MANAGEMENT & ETIQUETTE

Please join the meeting from 11:15 CEST in advance of the 11:30 CEST start, allowing time to complete the login process. Once you have joined, please wait with your microphone muted for the host to start the meeting.

### 4.1 Microphones & Video

All microphones must be muted except when presenting or when called upon to ask a question. Video feed should be switched off except when speaking, this is to minimise the bandwidth usage for those with limited connectivity.

### 4.2 Asking Questions

If you would like to ask a question, please indicate this by using the Zoom Chat feature. Type a brief message indicating you would like to ask a question or enter your question directly if short. The session chair will monitor the Chat feature and call on you to ask a question as appropriate. Please note that there may not be time for all questions during the live sessions but questions can be posted at any time on the dedicated Padlet pages for each session.

### 4.3 Presenting

If you are presenting, you will be asked to share your screen so that you show and control your presentation from your own computer. Please have your presentation open and ready for your time slot on the agenda. Please do not share your screen until asked to by the chair of the session. In the event of technical problems preventing a presenter from sharing their own screen, one of the meeting hosts will open and control the presentation on behalf of the speaker. Once your presentation and any questions are over please stop sharing your screen so the next presenter can take over when asked.

Owing to the different time zones of participants and the need to take regular breaks during this remote event, strict time keeping will be employed during the live sessions. Presenters are requested to keep to time, allowing a few minutes for questions at the end of their agenda slot. Chairs will give verbal notification when a presentation slot is nearing the end and it is almost time for questions. **Where presenters have been given several verbal warnings and have exceeded their allotted time slot, the hosting committee may terminate the presentation and mute the presenter** in order to move on to the next speaker and keep the meeting running on time.

### 4.4 Zoom Chat

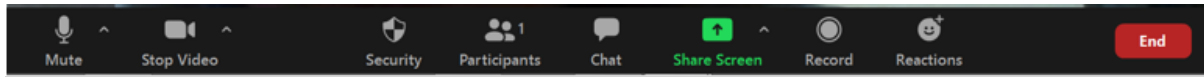
Please do not use the Zoom chat for any scientific discussion. The Zoom chat should only be used to indicate you would like to ask a question after an oral presentation, or to highlight a technical issue during the meeting. Participants are asked to use the dedicated spaces on Padlet for each oral and poster presentation to enable all meeting delegates to view and participate in any scientific discussions, including those not dialling into the live component of the workshop.



## 5. USING ZOOM - QUICK GUIDE

### Basic Controls

Once logged in to the Zoom meeting, move the mouse to hover over the zoom window. A tool bar like the one below will appear; all meeting options are available from there.



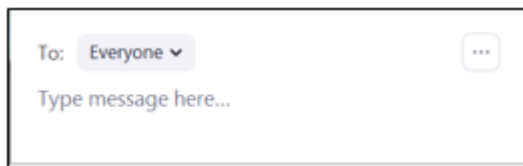
**To share your screen** click on 'Share Screen' in the tool bar and then select the application window (e.g. your presentation in PowerPoint) that you would like to share.

Displaying PowerPoint slides in 'slide show' mode will give the best experience for other participants viewing the slides, although 'slide show' mode may not work well if the connection bandwidth of the presenter is particularly limited. In this case clicking through each slide in the PowerPoint editing view may be necessary.

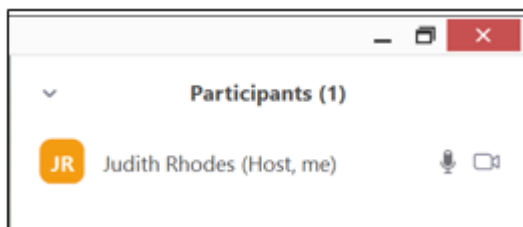
**To stop sharing your screen** click on 'Stop Share' at the top of your screen.



**To ask a question** click on 'Chat' in the tool bar, a group chat area will open on the right-hand side. To send a message, type in the area at the bottom where it says Type message here and click 'Enter' to send your message. We will not be monitoring the 'Reactions' feature.



**To see the names of participants** currently in the meeting click on 'Participants' in the tool bar. A list of names will open on the right-hand side.



**To control your audio feed** click on the up arrow to the right of the Mute/unmute button. This will show the options available to you for both speaker and microphone audio source. If you hear audio echo or audio feedback during the meeting, there are three possible causes:

1. A participant has both the computer and telephone audio active
2. A participant has computer or telephone speakers that are too close to each other

3. There are multiple computers with active audio in the same room

If echoes become a problem on the day you will be asked to check your audio settings and ensure there are no other active audio devices on in the same room.

## 5.1 Troubleshooting

If you have trouble receiving audio in Zoom you may find these links helpful:

<https://www.thewindowsclub.com/no-sound-in-chrome/>

<https://www.guidingtech.com/fix-google-chrome-sound-not-working-windows-10/>

If you have trouble getting your microphone to work in Zoom, you may find this link helpful:

<https://us02web.zoom.us/wc/support/mic>

## 6. USING PADLET - QUICK GUIDE

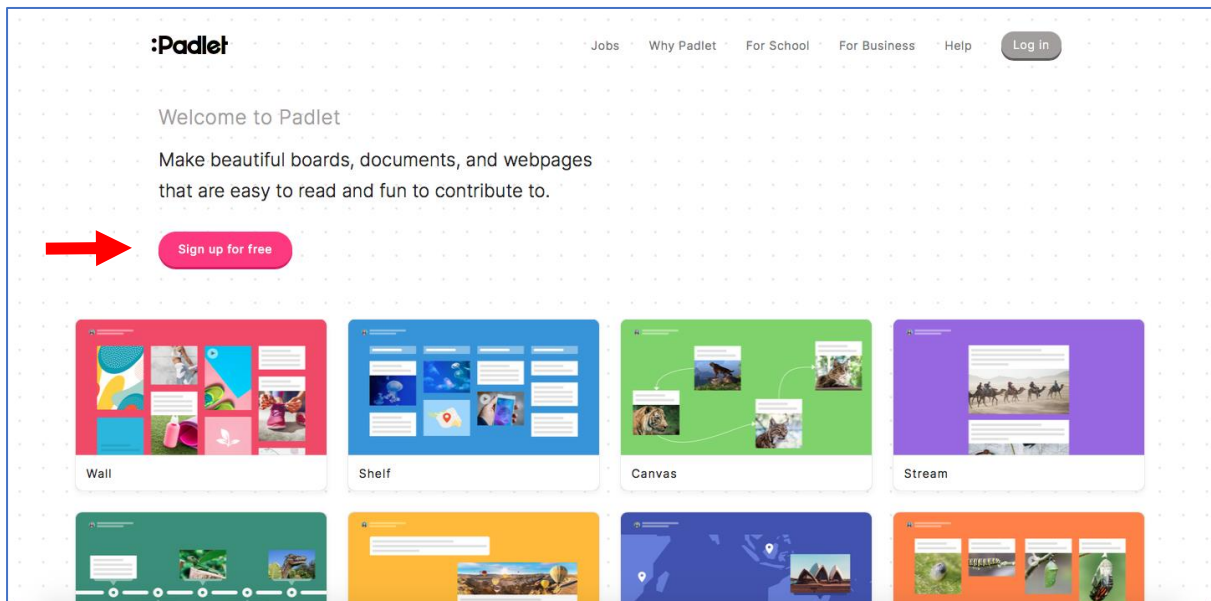
Padlet is a diverse piece of software that provides a space for gathering and sharing ideas and files. The LST\_cci User workshop is using the software to provide

- 1) Information about the LST\_cci User Workshop
- 2) A space where presenters can upload their oral and poster presentations
- 3) A space where meeting participants can view presentations and posters, and hold offline discussions and ask questions

Separate 'Padlets' have been created for each live workshop session (one Padlet is like one webpage). Each presentation within a session will have a dedicated post where the slides will be available, and related comments and discussion can take place (similar to Facebook). Information about the different workshop Padlets can be found below in the [Padlet Links](#).

### 6.1 Getting Started

It is recommended that all delegates – including non-presenters – set up a free Padlet account, which can be done very quickly and easily. Note that an account is not required to participate in the workshop and you will still be able to view content and comment. However, it will help to attribute any comments and questions and keep discussions clear. You can sign up to Padlet at <https://padlet.com/> by clicking on 'sign up for free' as shown below.

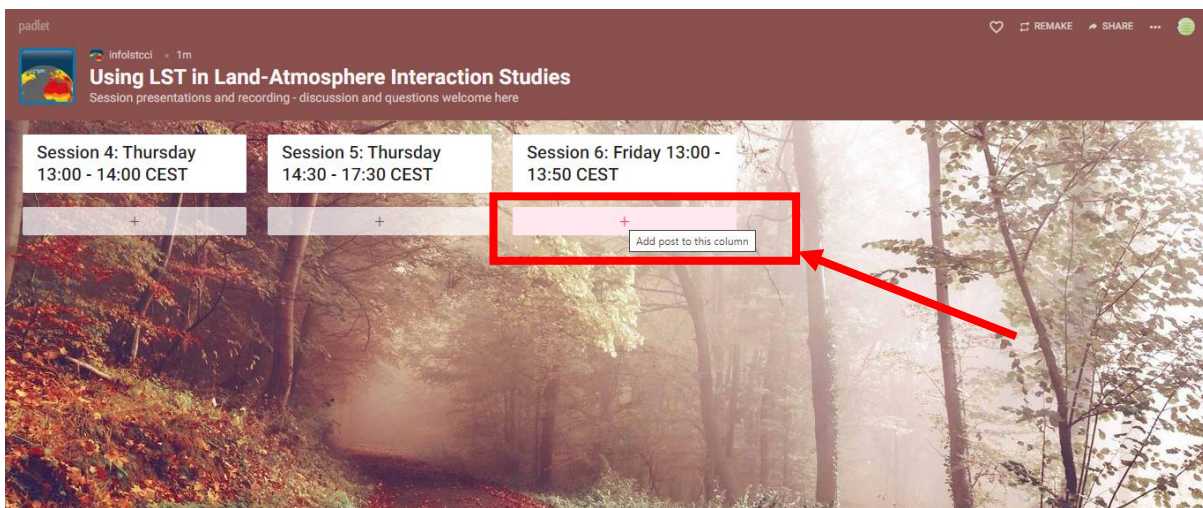
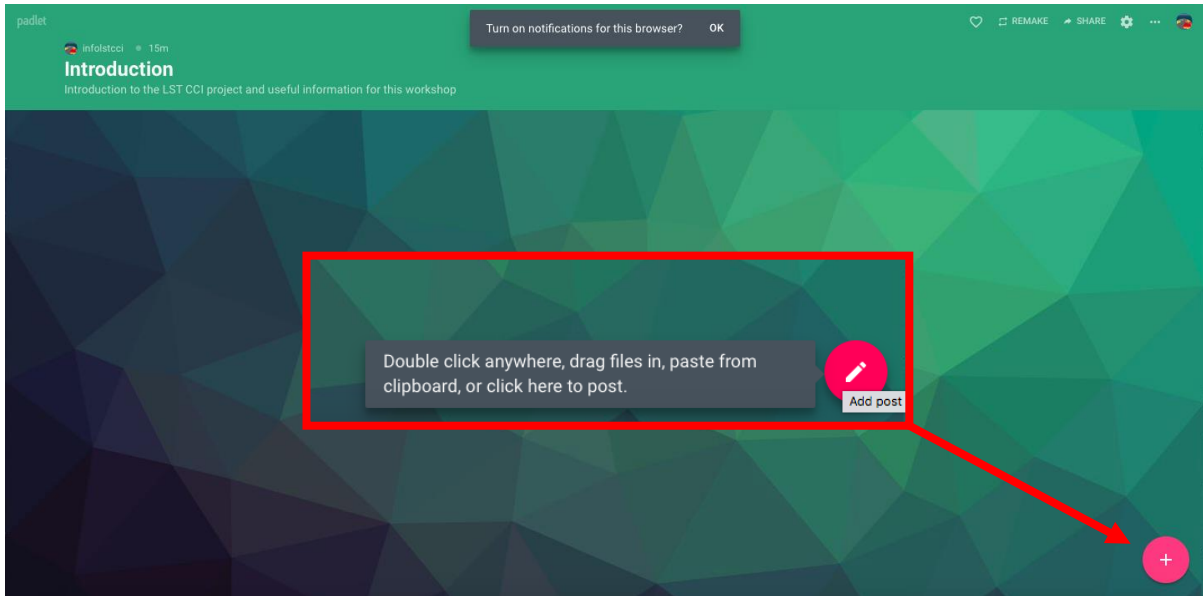


### 6.2 Uploading a poster or presentation (for presenters)

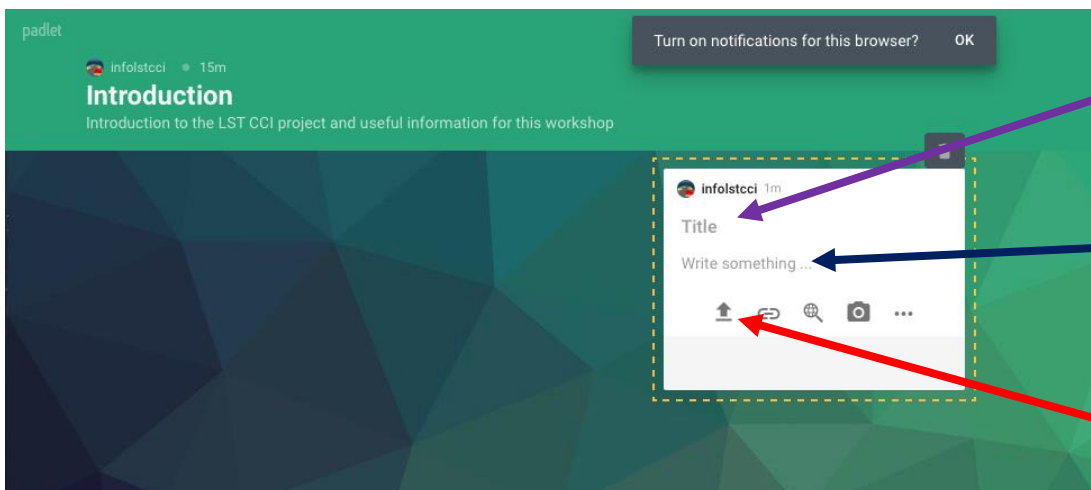
If you are uploading a poster, please first save it in PDF format, as this allows better viewing on this platform. It is not necessary to convert PowerPoint presentation slides to PDF.

To upload your poster or presentation follow these steps:

1. Go to the Padlet board (or page) for your session - see [Padlet Links](#) section.
2. Click the '+' sign to create a new post. This will either be in the bottom right hand corner in a pink circle or in a grey box if the Padlet has columns, as shown below.



- For the post title, please use the title of your presentation with your name in brackets (e.g. "Findings from the LST\_cci User Requirements Assessment (Lizzie Good)"). We recommend you also add three highlights or bullet points in the post where it says 'write something' to aid post navigation.

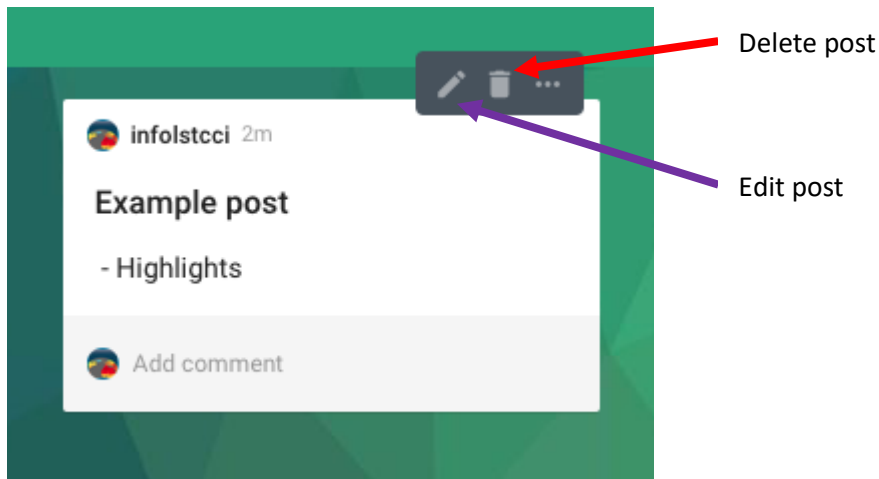


Click here to enter your title and author name

Click here to write your highlights

Click here to upload your file

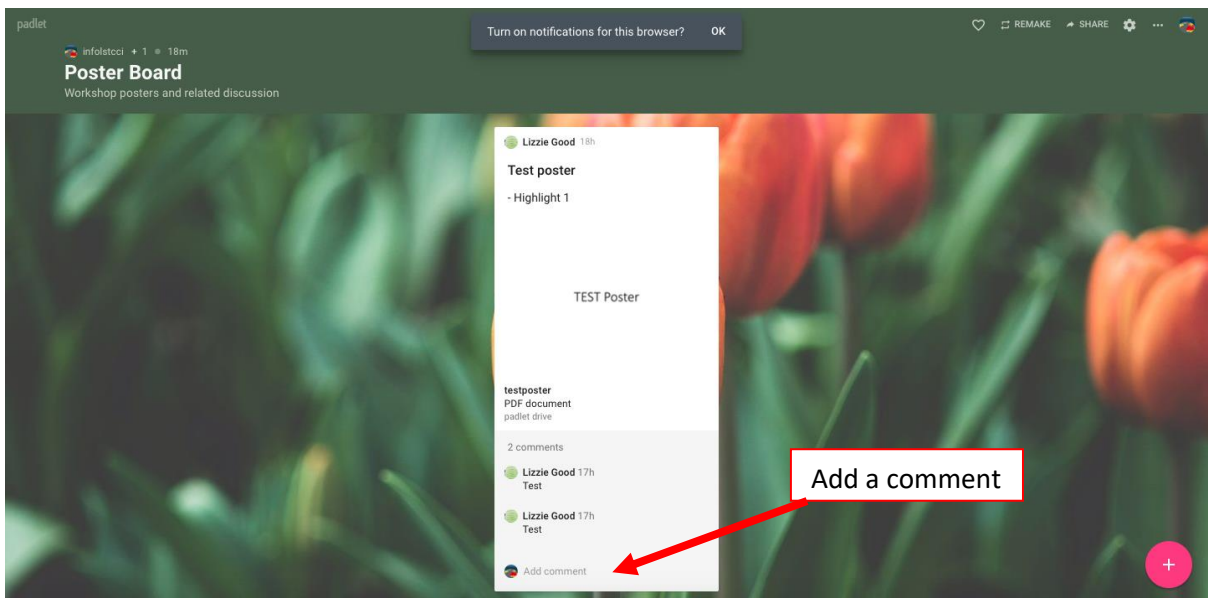
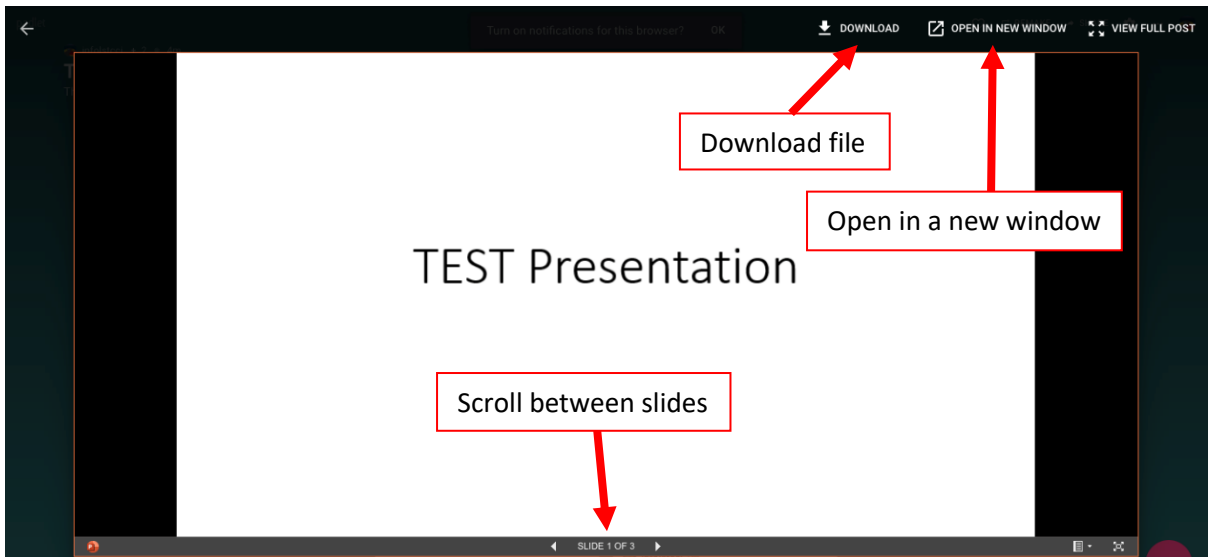
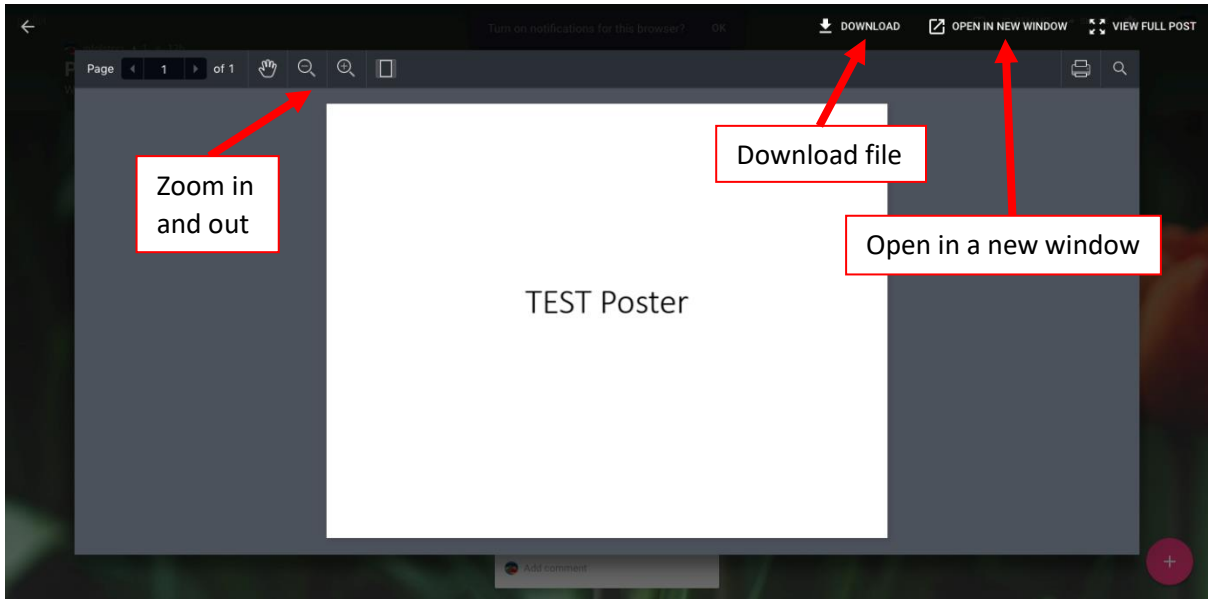
4. To upload your file, click the up arrow (highlighted in the image above with a red arrow), which will give you a panel at the side with the option to 'pick file'.
5. You can then find and upload your presentation slides or PDF poster.
6. Once your file has finished uploading, click elsewhere on the page.
7. Posts need approval by the organising committee; once approved they will be visible to all workshop participants.
8. You can edit or delete a post you have created by hovering the mouse over your post then selecting the edit or delete icon as shown below.



### 6.3 General use

All posters and presentations should be available from Monday 22 June 2020 and will remain on the Padlets until 3 July 2020. Links to each workshop and poster Padlet are provided below. All Padlets are linked from the main workshop [Introduction Padlet](#). Each live session will be recorded in Zoom and the link to a session recording will be added to the relevant Padlet shortly after the session has finished.

An uploaded file in a post can be expanded by clicking on it; from here you can scroll between slides in a presentation or zoom in on a poster. There is also the option to open the uploaded file in a new window or to download it. Comments and questions can be posted below the relevant presentation or poster (these do not need to be approved like posts).



## 6.4 Padlet Links

### *General*

<b>Padlet Link</b>	<b>Content</b>
<a href="#">Introduction</a>	LST_cci project and workshop information (no presentations)
<a href="#">Poster board</a>	All posters for the workshop.

### *Oral Presentation Sessions*

<b>Padlet Link</b>	<b>Content</b>	<b>Date and Time</b>
<a href="#">LST_cci Project</a>	Oral session 1 presentations, recordings and discussion	Wed 11:30-12:30 CEST
<a href="#">LST_cci dataset development and validation</a>	Oral session 2 presentations, recordings and discussion	Wed 13:00-14:00 CEST
<a href="#">Data set development and validation</a>	Oral Session 3 presentations, recordings and discussion	Wed 16:30-17:30 CEST
<a href="#">Using LST in land-atmosphere interaction studies</a>	Oral session 4-6 presentations, recordings and discussion	Thur 13:00-14:00 CEST Thur 16:30-17:30 CEST Fri 13:00-13:50 CEST
<a href="#">Urban LST</a>	Oral Session 7 presentations, recordings and discussion	Fri 14:50-15:30 CEST

### *Discussion Sessions*

<b>Padlet Link</b>	<b>Content</b>	<b>Date and Time</b>
<a href="#">Uncertainties in LST</a>	Discussion session 1 breakout group notes	Wed 15:00-16:00 CEST
<a href="#">User Requirements for Climate LST</a>	Discussion session 2 breakout group notes	Thur 11:30-12:30 CEST
<a href="#">Towards climate services using LST</a>	Discussion session 3 breakout group notes	Thur 15:00-16:00 CEST
<a href="#">Role of satellite LST observations in future IPCC assessments and other reports</a>	Discussion session 4 breakout group notes	Fri 11:30-12:30 CEST
<a href="#">Feedback session</a>	Recording of feedback sessions	Fri 15:30-17:20 CEST

## 7. AGENDA

### 7.1 Time zones

All times in the agenda are in Central European Summer Time (CEST). The table below provides a guide for converting between some of the time zones of registered workshop participants.

CEST	UK time	Romania	Delhi	Beijing	Melbourne	Pacific Daylight Time (e.g. Oregon)	Eastern Daylight Time (e.g. Washing. DC)
11:30	10:30	12:30	15:30	17:30	19:30	02:30	05:30
13:00	12:00	14:00	17:00	19:00	20:00	04:00	07:00
15:00	14:00	16:00	19:00	21:00	23:00	06:00	09:00
16:30	15:30	17:30	20:30	22:30	00:30	07:30	10:30

### 7.2 Wednesday 24 June 2020

Wednesday 24 June 2020			
11:15 CEST	Start arriving into workshop		15 mins
<b>LST_cci Project (<a href="#">Link to Padlet</a>)</b>			
Chair: Claire Bulgin			
11:30 CEST	Welcome and general information	Lizzie Good (Met Office, UK)	20 mins
11:50 CEST	Overview of the LST_cci Project and Products	Darren Ghent (U. Leicester, UK)	20 mins
12:10 CEST	ESA's CCI Programme	Simon Pinnock (ESA)	20 mins
<b>12:30-13:00</b>	<b>Break</b>		
<b>LST_cci Data Set Development and Validation (<a href="#">Link to Padlet</a>)</b>			
Chair: Darren Ghent			
13:00 CEST	LST_cci products	Darren Ghent, Sofia Ermida, Carlos Jiménez, José Sobrino	30 mins
13:30 CEST	First results of the LST_cci validation analysis	Maria Martin (KIT, Germany)	15 mins
13:45 CEST	Construction of a gap-free multisensor ice surface temperature product for the Greenland ice cap and assimilation into atmosphere and ice sheet models	Jacob Høyer (DMI, Denmark)	15 mins
<b>14:00-15:00</b>	<b>Break</b>		



<b>Discussion session: Uncertainties in LST (<a href="#">Link to Padlet</a>)</b>			
Chair: Darren Ghent			
15:00 CEST	Recent advances in the field of satellite data uncertainties	Claire Bulgin (U. Reading, UK)	20 mins
15:20 CEST	Discussion – break out groups		40 mins
<b>16:00-16:30</b>	<b>Break</b>		
<b>Data set development and validation (<a href="#">Link to Padlet</a>)</b>			
Chair: Sofia Ermida			
16:30 CEST	On the validation of the All-Sky Land Surface Temperature product based on MSG/SEVIRI observations	Joao Paulo Martins (IPMA, Portugal)	20 mins
16:50 CEST	Multi-decadal validation of the TIMELINE AVHRR Land Surface Temperature product with MODIS and in situ LST	Philipp Reiners (DLR, Germany)	20 mins
17:10 CEST	Developing ESA's LSTM for the next generation of High Spatial Resolution Thermal Remote Sensing	Mike Perry (U. Leicester, UK)	20 mins
<b>17:30</b>	<b>End of day 1</b>		

### 7.3 Thursday 25 June 2020

<b>Thursday 25 June 2020</b>			
11:15 CEST	Start arriving into workshop		15 mins
<b>Discussion session: User Requirements for Climate LST (<a href="#">Link to Padlet</a>)</b>			
Chair: Claire Bulgin			
11:30 CEST	Findings from the LST_cci User Requirements Assessment	Lizzie Good (Met Office, UK)	20 mins
11:50 CEST	Discussion – break out groups		40 mins
<b>12:30-13:00</b>	<b>Break</b>		
<b>Using LST in land-atmosphere interaction studies (1) (<a href="#">Link to Padlet</a>)</b>			
Chair: Carlos Jimenez			
13:00 CEST	Recent progress on the global ET product with the thermal energy balance method	Xuelong Chen (Institute of Tibetan Plateau Research, China)	20 mins
13:20 CEST	Evaluation of Land Surface Temperature in the EC-EARTH3-Veg climate model: Use of LSA-SAF and role of vegetation	Emanuel Dutra (IPMA, Portugal)	20 mins
13:40 CEST	The role of LST characteristics in the data-driven simulation of land-atmosphere fluxes	Sophia Walther (MPI-BGC, Germany)	20 mins
<b>14:00-15:00</b>	<b>Break</b>		

<b>Discussion session: Towards Climate Services Using LST (<a href="#">Link to Padlet</a>)</b>			
Chair: Lizzie Good			
15:00 CEST	Underpinning science to a climate service: examples from Climate Science for Services Partnership-China (CSSP-China)	Tyrone Dunbar (Met Office, UK)	20 mins
15:20 CEST	Discussion – break out groups		40 mins
<b>16:00-16:30</b>	<b>Break</b>		
<b>Using LST in land-atmosphere interaction studies (2) (<a href="#">Link to Padlet</a>)</b>			
Chair: Frank Goettsche			
16:30 CEST	Exploitation of a combined use of Sentinel-3 fAPAR & LST data for primary production estimates	Roel Van Hoolst (VITO, Belgium)	20 mins
16:50 CEST	Using satellite-derived surface temperatures for atmospheric boundary-layer studies	Antoni Grau Ferrer (Universitat de les Illes Balears, Spain)	20 mins
17:10 CEST	Sensitivity of diurnal cycle of LST to the soil moisture detected from combined LST, SM, precipitation observations	Yanfeng Zhao (CNRS, France)	20 mins
<b>17:30</b>	<b>End of day 2</b>		

#### 7.4 Friday 26 June 2020

<b>Friday 26 June 2020</b>			
11:15 CEST	Start arriving into workshop		15 mins
<b>Discussion session: Role of satellite LST observations in future IPCC Assessments and Other Reports (<a href="#">Link to Padlet</a>)</b>			
Chair: Lizzie Good			
11:30 CEST	Global and regional trends in LST	Freya Aldred (Met Office, UK)	20 mins
11:50 CEST	BAMS State of the Climate	Robert Dunn (Met Office, UK)	20 mins
12:10 CEST	Discussion		20 mins
<b>12:30-13:00</b>	<b>Break</b>		
<b>Using LST in land-atmosphere interaction studies (3) (<a href="#">Link to Padlet</a>)</b>			
Chair: Emma Dodd			
13:00 CEST	Applications of an LST based diagnostic to evaluate soil moisture-surface flux relationships in land surface models.	Sonja Folwell (CEH, UK)	20 mins
13:20 CEST	Satellite applications in climate observations of LST and biomass burning	Julia Stoyanova (National	20 mins

		Institute of Meteorology and Hydrology, Bulgaria)	
13:40 CEST	Constructing seamless MODIS LST maps for Australia from swath data	Kaniska Mallick (LIST, Luxembourg)	10 mins
<b>13:50-14:50</b>	<b>Break</b>		
<b>Urban LST (<a href="#">Link to Padlet</a>)</b>			
Chair: José Sobrino			
14:50 CEST	Country-Scale Climatology of the Surface Urban Heat Island using MODIS	Sorin Cheval (National Meteorological Administration, Romania)	20 mins
15:10 CEST	Investigating the Seasonal SUHI Intensity Hysteresis Curves in Europe	Panagotis Sismanidis (Ruhr University Bochum, Germany)	20 mins
<b>Feedback from breakout groups (<a href="#">Link to Padlet</a>)</b>			
Chair: Karen Veal			
15:30 CEST	Feedback from Uncertainties break out group	Claire Bulgin (U. Reading, UK)	20 mins
<b>15:50-16:20</b>	<b>Break</b>		
16:20 CEST	Feedback from user requirements	Freya Aldred (Met Office, UK)	20 mins
16:40 CEST	Feedback from Climate services	Lizzie Good (Met Office, UK)	20 mins
17:00 CEST	Closing remarks	Darren Ghent Lizzie Good	20 mins
<b>17:20</b>	<b>End of day 3</b>		

## 7.5 Posters

Poster presentations will be available to view on [Padlet](#).

Posters ( <a href="#">Link to Padlet</a> )		
Number	Presenter	Title
1	Emma Dodd (U. Leicester, UK)	Validation for Sentinel 3 Land Surface Temperature Products
2	Cheolhee Yoo (UNIST, S. Korea)	Estimation of All-Weather 1 km MODIS Land Surface Temperature for Humid Summer Days

3	Frank Goettsche (KIT, Germany)	Alternative and improved algorithms for estimating LST from Sentinel-3 SLSTR data [ <a href="#">link to paper</a> ]
5	Mary Langsdale (King's College London, UK)	Airborne mapping and in situ validation of European land surface temperature using the NASA-JPL's HyTES sensor
6	Tomas Dowling (King's College London, UK)	Meteosat and MODIS land surface temperature product validation with a new environmental satellite data calibration and validation station: Kapiti, Kenya
7	Cristina Dumitrica (Institute of Geography, Romania Academy)	The influence of land use/land cover types on the surface urban heat island effect. Insights from urban areas of the Southern Romania