

CESM 2020 Tutorial

Gunter Leguy and Elizabeth Faircloth

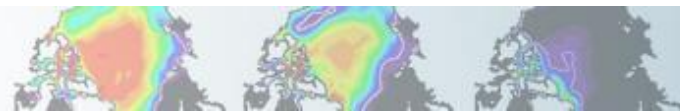
- **Some logistics**
- **Creating welcoming environments for everyone**



Welcome to NCAR

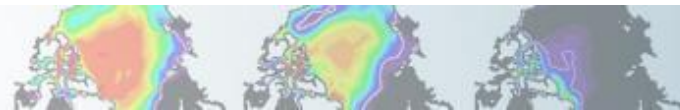


This is where we would be in non-COVID time.



Thanks

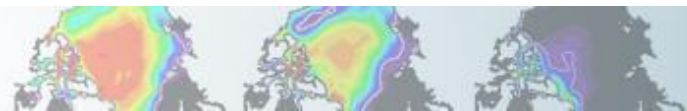
- **Tutorial Organizing Committee:**
Alice DuVivier, Cécile Hannay, Gunter Leguy,
Gustavo Marques, Keith Oleson, Adam Phillips, and Christine Shields
- **Logistics:** Elizabeth Faircloth
- **Funding:** NSF
- **Computing:** CISL support (Rory Kelly) and CGD IS Group (Mark Moore)
- **Web support:** Ryan Johnson
- **Speakers, Helpers, and Developers:** 60+ staffs involved in the scientific preparation of this tutorial. You will meet 45 of them throughout the week.
- **Students:** You (for wanting to take this course!)



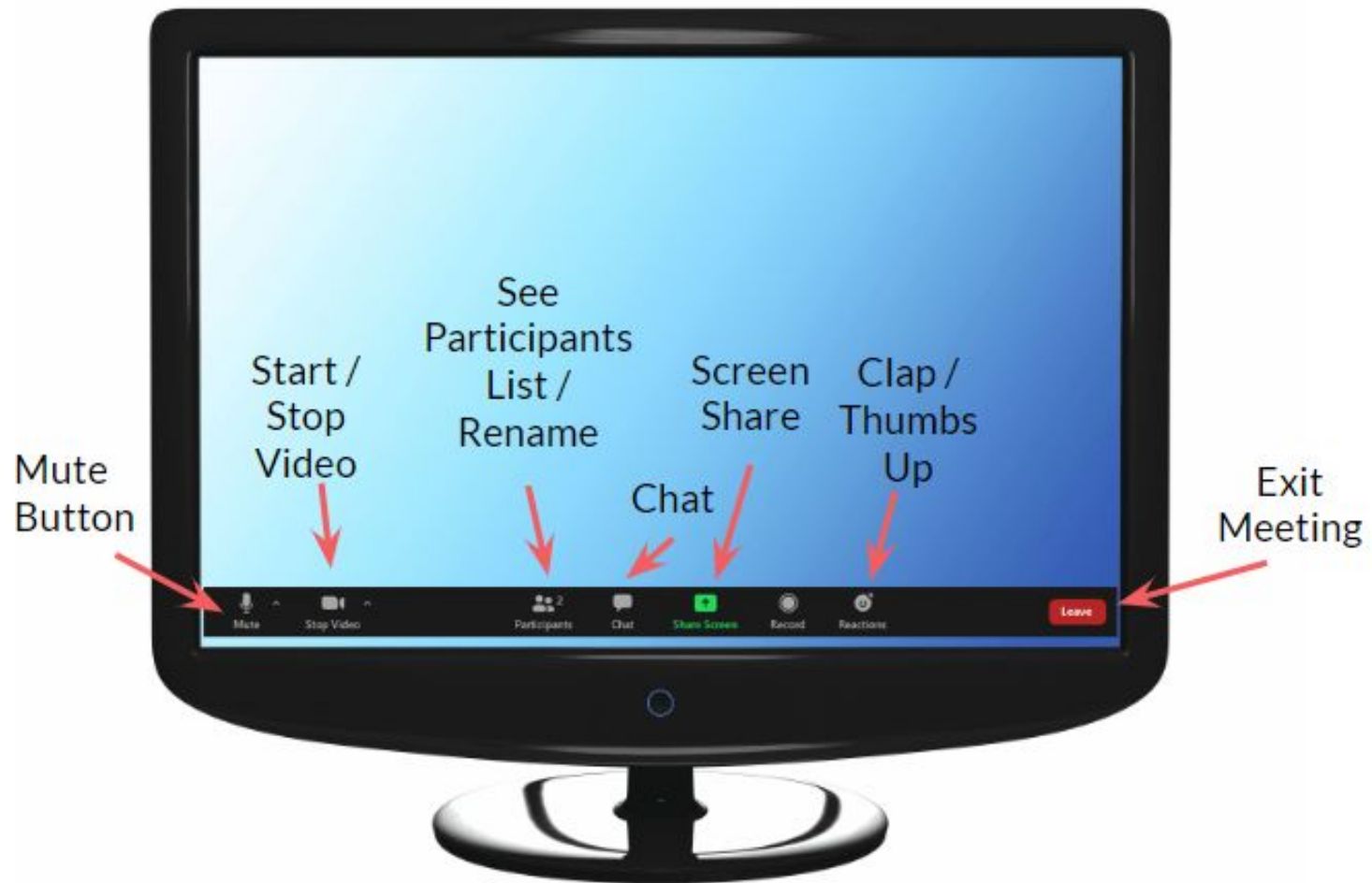
Zoom: what you need to know for this week

Elizabeth Faircloth will be the zoom host.

- Mute yourself upon entry in the “main” zoom room.
- To ask questions during lecture or Q&A panel and office hours:
 1. Raise your hand and wait for the moderator to give you speaking permission.
 2. Ask your question in the room chat.
- Even though we are online, the zoom link is an NCAR address and NCAR rules are in place (e.g. code of conduct)

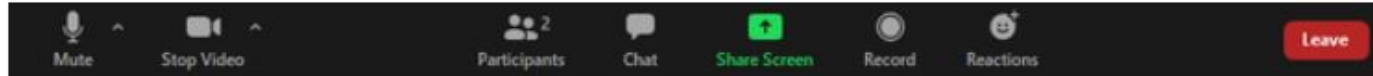


Quick look at Zoom tools



Participant tools in Zoom

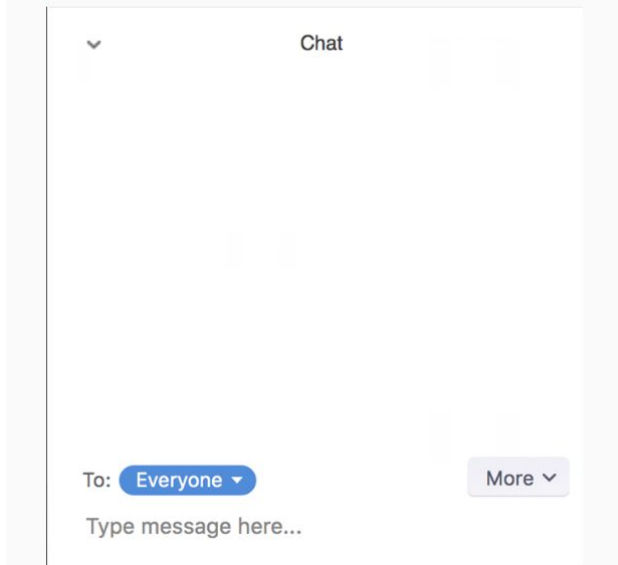
The attendee controls appear at the bottom of your screen if you're not currently screen sharing.



1. While in a meeting, click **Chat** in the meeting controls.



2. This will open the chat on the right. You can type a message into the chat box or click on the drop down next to **To:** if you want to send a message to a specific person.

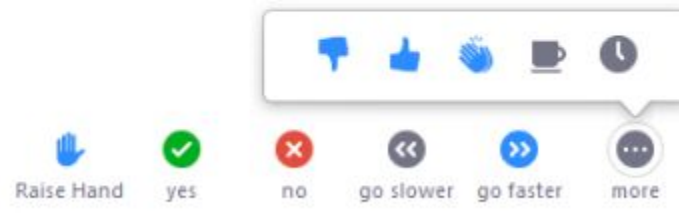


2. Click the **Participants** button.



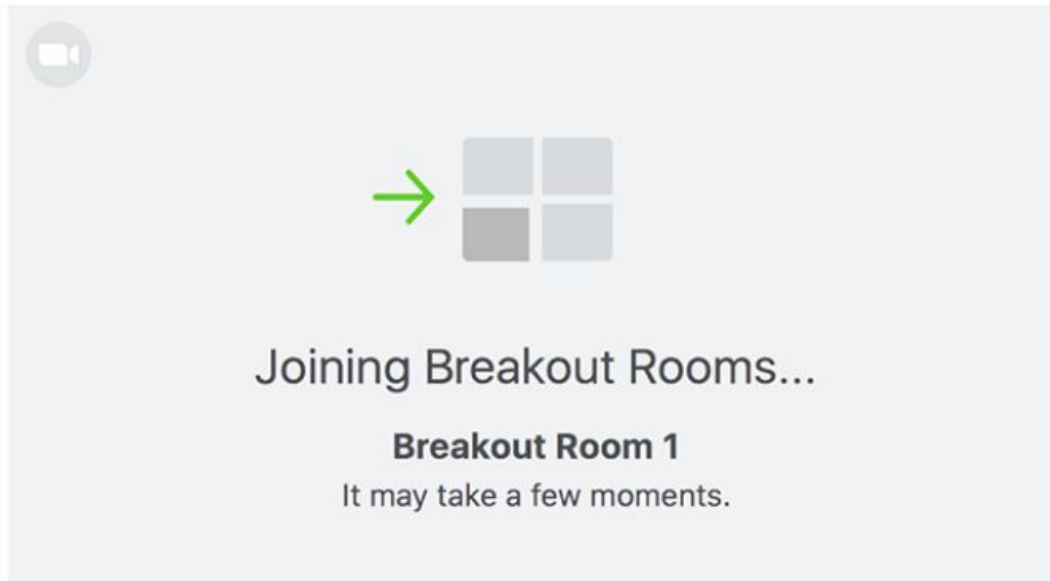
3. Click one of the icons to provide feedback to the host. Click the icon again to remove it.

Note: You can only have one icon active at a time.



- Raise Hand / Lower Hand

Breakout Rooms



To Exit a breakout room, click the button in the lower right-hand corner, “Leave Breakout Room”. You will have the option of leaving the room or the meeting.

Here we value respectful dialogue, please...



www.cgd.ucar.edu/diversity

CESM tutorial website


www.cesm.ucar.edu/events/tutorials/2020/



If you need to find the link:
Google “CESM Tutorial”

Home / CESM Events / CESM Tutorials / 2020 CESM Tutorial

2020 CESM TUTORIAL



The 2020 CESM Tutorial will be entirely virtual via Zoom

The 2020 CESM Tutorial will take place 03 - 07 August 2020 at the National Center for Atmospheric Research in Boulder, CO. Applicants will be notified by mid May, 2020.

The CESM Tutorial will consist of:

- Lectures on simulating the climate system
- Practical sessions on running CESM, modifying components, and analyzing data

The CESM Tutorial is targeted at the graduate student level but postdocs, research scientists, and faculty members are also welcome to apply. We can accept a maximum of 80 students with partial financial support (shared lodging and ground transportation) for some students. We are unable to fund airline tickets or per diem. Whether or not you apply for travel funds has no bearing on the selection process.

🔔 The 2020 application period has ended, please email Elizabeth Faircloth [fair@ucar.edu] with questions. If you would like to be notified when the 2021 application is open, fill out [this Google form](#) to be emailed when it has opened.

Tutorial Details

- **Dates:** 03 - 07 August 2020
- **Location:** Zoom <https://zoom.us/download>
- **Registration:** **Registration Closed**

Tutorial participants are also welcome to join the [2020 CESM Tutorial Facebook group](#) and are welcome to post pictures, questions/replies, and tips as well as get to know the other participants.

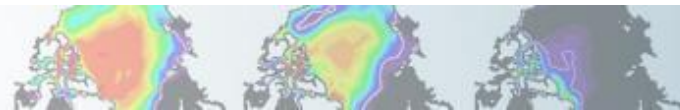
Tutorial Links

- **Home:** Main page for the 2020 CESM tutorial
- **Agenda:** View the agenda in pdf format
- **Announcement:** Information about the event and how to apply to the tutorial
- **Participants:** Participants of the 2020 CESM Tutorial
- **Prerequisites:** Please complete the following activities to ensure you are prepared for the tutorial
- **Coursework:** View the sciences presentations and the labs exercises.



Links

Agenda, participants, presentations, lab exercises are online (or will be soon)



Typical Day (*)

(*) Monday and Friday
are a bit different.
Check your agenda!

Morning

- Q&A panel sessions (recorded session, will be posted online)
- Meet a scientist (except monday)
- Two 10-minutes breaks

Lunch

- Possibility to meet with other participants in breakout rooms

Afternoon

- Office hours

Morning Q&A panel sessions

- Are recorded and will be posted on the 2020 tutorial coursework webpage.
- Please mute yourself during the session.
- Raise your hand if you'd like to ask a question and wait for the moderator to give you the floor.
- **Submit your questions in advance by using the link specific to a session:**
 - Atmosphere Q&A (Mon, Aug. 3rd):
<https://PollEv.com/discourses/1r55Vwy7NsuC68bNN3dmM/respond>
 - Ocean Q&A panel session (Tues, Aug. 4th):
<https://PollEv.com/discourses/EDoetBs3qPqECietuve74/respond>
 - Land Q&A panel session (Wed, Aug. 5th):
<https://PollEv.com/discourses/3ortXMo934w0ZbyAnCn1Y/respond>
 - Climate Variability and Change (CVC) Q&A panel session (Thur, Aug. 6th):
<https://PollEv.com/discourses/3nx3lsmR3FEwPCQtnDHPk/respond>
 - Polar-paleo-land ice Q&A panel session (Fri, Aug. 7th):
<https://PollEv.com/discourses/TPhZsJvPwg8yMwhKSyWgw/respond>

Meet a scientist (optional) 10:00-10:50 a.m.

- This is **YOUR** time with a scientist, there is no agenda. Try to obtain the information you came looking for.
- Are **NOT** recorded.
- Please unmute yourself during the session or follow the guideline of the scientist.
- Check your scientist assignment for each day: [Tuesday](#), [Wednesday](#), [Thursday](#), [Friday](#).
- Please, do not monopolize the conversation and let everyone have a turn.

If you have not done it already:

- Pick your scientists (19 options): our [scientist bios](#)
- Sign up for a spot (Maximum 6 students per scientist, first come-first served at this point)
- Send your choices at gunterl@ucar.edu (Specify: 1st, 2nd, 3rd, ... choices)

Lunch activity (Optional)

Meet with other participants

- We can arrange for you to meet in small groups in breakout rooms.
- Great networking opportunity: your space, your time.
- Feel free to eat your lunch while doing so!

Other ways of communicating amongst yourselves

Slack: https://join.slack.com/t/ncar-cesm/shared_invite/zt-fz384omb-2jT_7L2jsOrmLcLimHBfJA

Afternoon: office hours

Your time with CESM expert users.

- On a given day we will follow the practicals that are online:
 - [Monday](#)
 - [Tuesday](#)
 - [Wednesday](#)
 - [Thursday](#)
 - Friday: Breakout into different components: [ocean&sea-ice](#), [land ice](#), [land](#), [BGC](#), [Atmosphere](#), [WAACM/CAM-CHEM](#).
- Typically, the exercises are located at the end of the presentation.
- Please mute yourself at the beginning of the session.
- Raise your hand if you need help.
- You will have one-on-one interaction with a helper in a breakout room.

Asking questions

There are no “stupid” questions!

We all come from different background and we are here to learn.

- The worst that could happen is to leave the tutorial with your “stupid” question unanswered.
- If your question has not been answered in a session due to lack of time, let me know and I will have someone answer it.

Creating Welcoming Environments for Everyone

Carolyn Brinkworth, UCAR Chief Diversity Officer



At NCAR|UCAR, we strive to create an environment of full inclusion - a supportive and welcoming workplace that values all individuals and their perspectives, contributions, and ideas in the pursuit of NCAR|UCAR's mission. We recognize the enormous scientific and societal benefits of including and valuing different perspectives and ways of thinking, and understand that diversity and inclusion are a fundamental requirement in achieving our goal of innovative, world-leading science and engineering.

Inclusion of different ways of thinking requires the recruitment, development, and retention of individuals with different perspectives, experiences, and values. These include but are not limited to the dimensions and intersections of race, ethnicity, gender identity and expression, sexual orientation, socio-economic status, age, physical abilities, neurodiversity, body shape and size, veteran status, religious beliefs, political beliefs, country of origin, discipline, job category, education level, cultural background, and marital and parental status.

At NCAR|UCAR, our goal is to build a diverse and inclusive workforce and workplace environment.

Whatever your identities, or intersection of identities, you are welcome here at NCAR|UCAR.

Rule 1: Be kind!
To your fellow attendees

Rule 2: Be kind!
To your instructors

Rule 3: Be kind!
To yourselves

- Code of conduct:
<https://www.ucar.edu/who-we-are/ethics-integrity/codes-conduct/participants>
- Applies to everyone – attendees, instructors, UCAR staff
- Applies to all venues & situations
- People are here to learn!
- Remember this is a professional environment
- If you need help or to report inappropriate behavior, contact **Gunter** or **Elizabeth**.

Let's try to have fun!

Questions?

Gunter Leguy
(gunterl@ucar.edu)

Elizabeth Faircloth
(fair@ucar.edu)

Carolyn Brinkworth – Chief Diversity Officer
(carolyn@ucar.edu)