

**Subject:** Re: Model data, and long-term timeline  
**From:** Ben Goldman <bg502257@live.wpcsd.k12.ny.us>  
**Date:** 5/17/21, 8:12 PM  
**To:** John Fasullo <fasullos@gmail.com>

Hi Dr. Fasullo,

I'm almost done downloading the new data but I was running into some hiccups. For some reason, my ftp client can't download any of the files where the "other" user group doesn't have read permission. Do you think it would be possible to change them, or should I use some kind of login (I'm accessing the ftp server as a guest right now)?

ie. I can download files with the permission string "-rw-r--r--" but not those with "-rw-rw----"

With NCO, I was wondering if there is an easy way to copy a limited timespan from one file into its own file. Specifically, I need to get the 1850-2005 file from CESM1 LENS member 001 to match the 1920-2005 span from the other members. I don't actually need to do this in NCO, but that's what I've been using to concatenate all the members into a single slab.

Thanks for all your help!

Sincerely,

Ben

On 5/14/21 12:26 PM, John Fasullo wrote:

[EXTERNAL EMAIL] EXTERNAL SENDER: This email originated from outside our school district. Do not click links or open attachments unless you recognize the sender and know the content is safe. If you are in doubt, contact the LHRIC Service Desk. Thank you.

OK - the data are there now. I don't use NCO but know that the operators can be quite useful. Feel free to ask any questions you have though I might not know the answers...

On May 10, 2021, at 1:28 PM, Ben Goldman <bg502257@live.wpcsd.k12.ny.us> wrote:

Ok, thanks for letting me know. On a side note, do you use NCO for data preparation? I have a few questions about how to do something.

On 5/10/21 1:02 PM, John Fasullo wrote:

[EXTERNAL EMAIL] EXTERNAL SENDER: This email originated from outside our school district. Do not click links or open attachments unless you recognize the sender and know the content is safe. If you are in doubt, contact the LHRIC Service Desk. Thank you.

just a heads up that there are still more files to transfer. should have them on the ftp in the next day or so.

On May 6, 2021, at 7:20 AM, Ben Goldman <bg502257@live.wpcsd.k12.ny.us> wrote:

Hi Dr. Fasullo,

I hope you are well. Thank you so much for providing the CESM2 data, and I am excited to start working on it. I have a few follow-up questions about the new CESM1/2 data, which I have now downloaded.

Looking at the CESM1 TREFHT files, I saw what looks like two new ensembles. The f.e11.F1850C5CN.f09\_f09.001.cam.h0.TREFHT files look like they are a control record. Should I be using those, or the b.e11.B1850C5CN.f09\_g16.005.cam.h0.TREFHT data as a control in my analysis? Next, what are the f.e11.FAMIPC5CN.f09\_f09.historical.toga and f.e11.FAMIPC5CN.f09\_f09.rcp85.toga data?

In the CESM1SF TREFHT directory, it looks like there are 3 new ensembles. How are the f.e11.FAMIPC5CN\_RCP85.f09\_f09.1920emis\_AERBMBsst, f.e11.FAMIPC5CN\_RCP85.f09\_f09.AERBMBemis\_1920sst, and f.e11.FAMIPC5CN\_RCP85.f09\_f09.AERBMBemis\_AERBMBsst ensembles set up?

For the CESM1 TEMP dataset, I see a few new regions. Along with the TEMPDT and TEMPWEP fields, there are also TEMPA, TEMPG, TEMPP, and TEMPI. Are these also meridional cross-sections? Which regions should I focus on? There are also a lot of .sav files that begin with profile\_TEMP. Should I use those for anything?

Finally, the CESM2 TREFHT and TEMP directories look pretty straightforward, except for how large they are.

I also was wondering what our long-term timeline looks like. I am almost ready to start the next major phase of analysis and science now that I have the new data, and I was hoping to have the majority of our results set up by the end of the summer, because I have to submit an edited copy of the final paper to a science fair by late October. I also am aware that you are hoping to submit our paper to a journal, which sounds like a great idea, if you still intend to do so. Do you have a deadline for that? Although I will be submitting the paper to competitions in the fall of 2021, I can continue to work on our final copy all through senior year, in case we need to make changes during peer reviewing.

Does all of this seem okay? Please let me know if there are any issues.

Thank you so much!

Sincerely,

Ben

---

White Plains School District – PERSONAL & CONFIDENTIAL DISCLOSURE STATEMENT

The information transmitted herein may contain privileged and/or confidential material. Any disclosure, copying, distribution or other use of, or taking of any action in reliance upon, information contained herein or attached hereto by persons or entities other than the intended recipient(s) is prohibited. Any misdirection or other error in the transmission of this information is not and shall not be considered a waiver of any applicable privileges. If you have received this transmission in error, please immediately notify the sender and destroy the original transmission and its attachments without saving, distributing or copying in any

manner.

---

White Plains School District – PERSONAL & CONFIDENTIAL DISCLOSURE STATEMENT

The information transmitted herein may contain privileged and/or confidential material. Any disclosure, copying, distribution or other use of, or taking of any action in reliance upon, information contained herein or attached hereto by persons or entities other than the intended recipient(s) is prohibited. Any misdirection or other error in the transmission of this information is not and shall not be considered a waiver of any applicable privileges. If you have received this transmission in error, please immediately notify the sender and destroy the original transmission and its attachments without saving, distributing or copying in any manner.

---

White Plains School District – PERSONAL & CONFIDENTIAL DISCLOSURE STATEMENT

The information transmitted herein may contain privileged and/or confidential material. Any disclosure, copying, distribution or other use of, or taking of any action in reliance upon, information contained herein or attached hereto by persons or entities other than the intended recipient(s) is prohibited. Any misdirection or other error in the transmission of this information is not and shall not be considered a waiver of any applicable privileges. If you have received this transmission in error, please immediately notify the sender and destroy the original transmission and its attachments without saving, distributing or copying in any manner.

---

White Plains School District – PERSONAL & CONFIDENTIAL DISCLOSURE STATEMENT

The information transmitted herein may contain privileged and/or confidential material. Any disclosure, copying, distribution or other use of, or taking of any action in reliance upon, information contained herein or attached hereto by persons or entities other than the intended recipient(s) is prohibited. Any misdirection or other error in the transmission of this information is not and shall not be considered a waiver of any applicable privileges. If you have received this transmission in error, please immediately notify the sender and destroy the original transmission and its attachments without saving, distributing or copying in any manner.