Installing ArcGIS Pro 3.1.2 on Student, Faculty and Staff Computers

Updated July 1, 2023 – Tufts Box Version
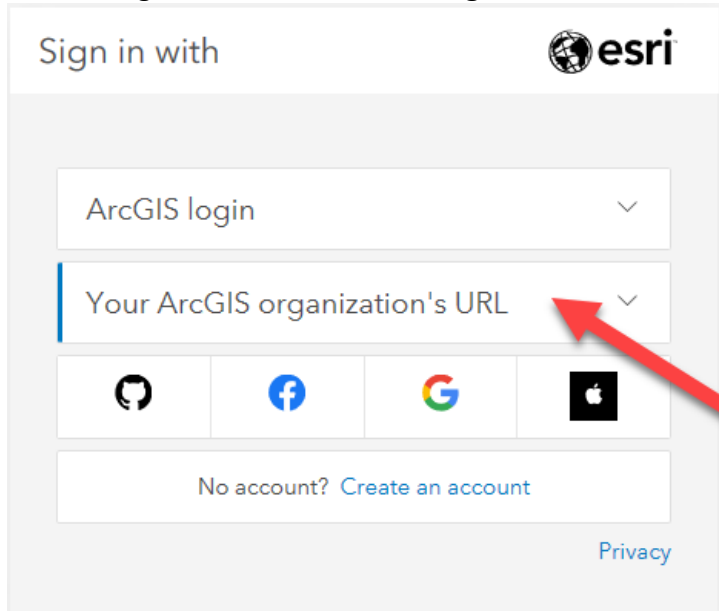
These directions are for installing ArcGIS Pro on Tufts students, faculty and staff <u>Windows OS</u> computers (tufts owned or personal). These instructions are <u>not</u> to be used for computer labs.

These directions are for 2023-2024 academic year and contain info for ArcGIS Pro 3.1.2. This is the version that is currently running in the Data Labs, computer labs and on the Tufts virtual labs.

If you have any questions, please email us at DataLab-support@elist.tufts.edu.

Before Installing ArcGIS Pro 3.1.2:

- Check the system requirements to make sure your computer has the hardware and software required.
    - **ArcGIS Pro** requires [Microsoft .NET Framework 4.5.1](#) and [Microsoft Internet Explorer](#) version 10 or newer. Before running the installation program for ArcGIS Pro, ensure that your machine meets these prerequisites. The [Install Guide for ArcGIS Pro](#) provides an overview of installing and setting up ArcGIS Pro and links to detailed resources, including [system requirements](#).

1. If you have not used ArcGIS Pro before, you will need to log in to our Tufts Organization's account one time so an account is created in your name. Go to https://www.arcgis.com/index.html

   If you have used ArcGIS Pro or ArcGIS online before, you can skip to the next section.

2. Click on the **Sign In** link at the top right of the page.

3. Click on Sign in with Y**our ArcGIS organization's URL**. Do **NOT** click sign in with ArcGIS Login.
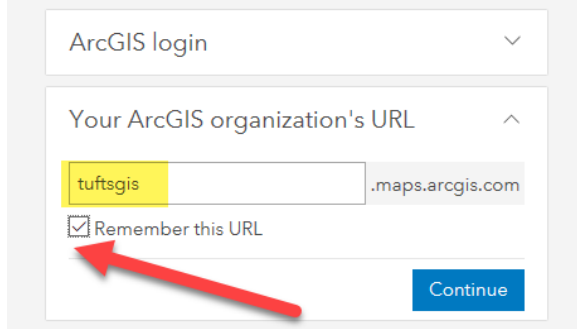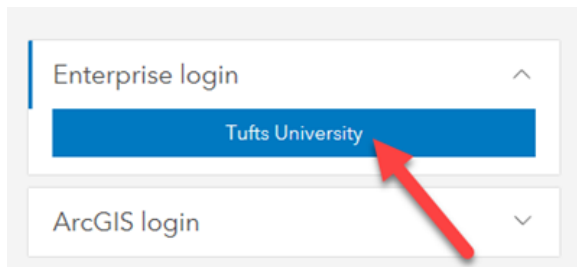
4. Enter **tuftsgis** as the organizations URL so it looks like the following image. If this is your personal computer, you can check remember this URL and it will be faster next time.

5. You will then be prompted to log in with **TUFTS UNIVERSITY**. Press the blue Tufts button.

6. Now you will log in with your Tufts Username (UTLN) and password. You will need to also go through duo authentication. Press Login.

An AGOL account has now been created within our Tufts University organization account that is associated with your Tufts Username.

Download and Install the Software

***Please note there is a bug when licensing and signing into the software and make sure to look at the instructions in the next section when you go to log in to ArcGIS Pro after installing.

1. Click on the following link to access ArcGIS Pro installer via Tufts Box. You will be prompted to log in with your tufts username and password: https://tufts.box.com/v/ArcGISPro-CurrentVersion

2. Click on the folder for **ArcGISPro_3.1.2.**

All Files > DataLab_Software_WebsiteInstructions > **ArcGISPro_PublishedMaterials**

| NAME		UPDAT
ArcGISPro_3.1.2		Today
RetiredVersions		Today
ArcGISPro_2.9.4	🔗	May 18
ArcGISPro_StudentFacultyStaffComputers_August2022.docx V13	🔗	Feb 1,

3. Select the **ArcGISPro_31_184994 executable** file and press **Download** to access the software installer.

4. Depending on the internet browser you're using, the installation wizard might open automatically, it might save to the downloads bar at the bottom of chrome, or it might be saved to your downloads file.
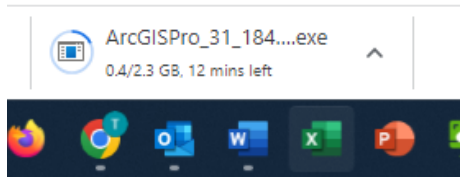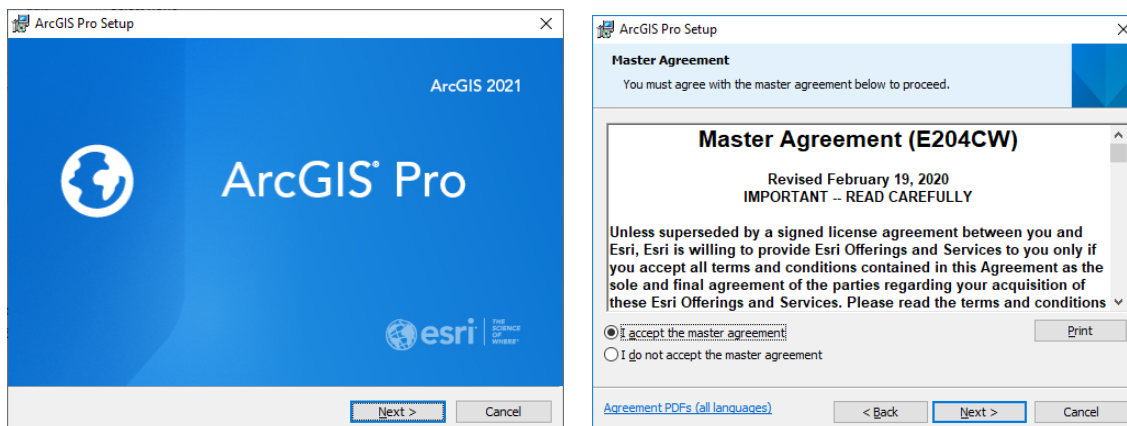

5. Once you have downloaded the ArcGIS Pro exectuable, navigate to your **Downloads** folder.

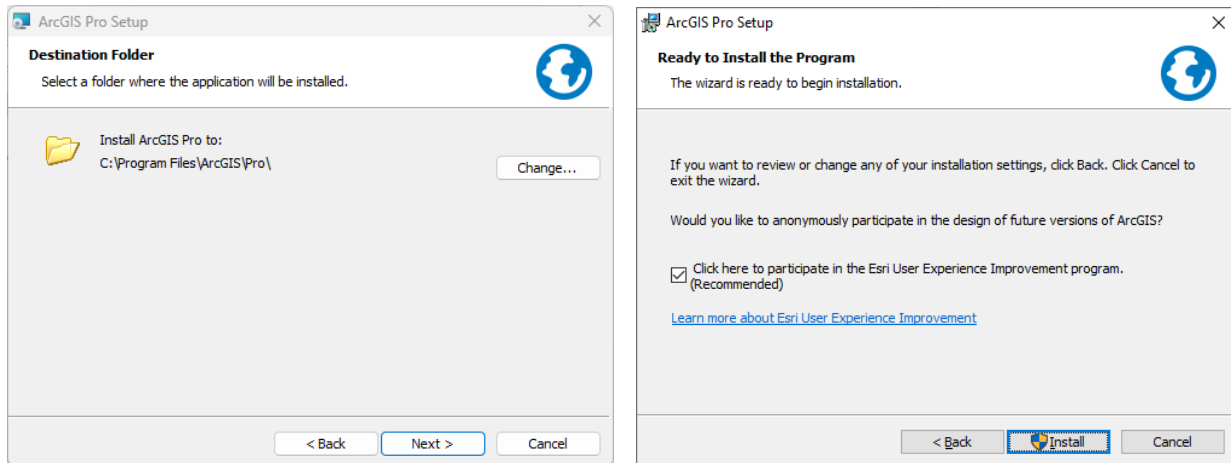6. **Run** the installer by double clicking on the executable and choose where you want to extract the files.
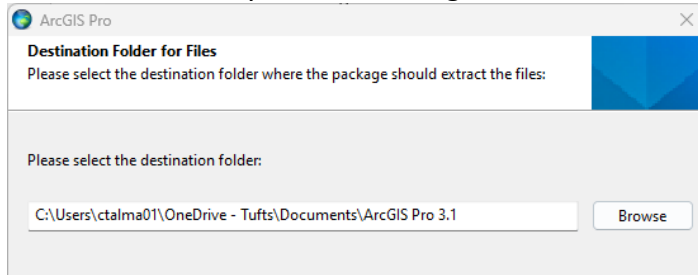
7. Leave the option "Launch the setup program" checked and press **close.**
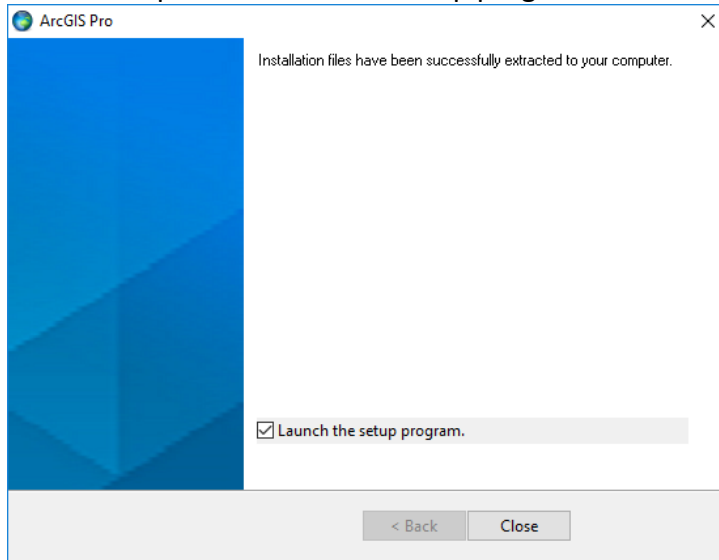
8. Start going through the ArcGIS Pro wizard and accept the master agreement.

9. Select a destination folder and press **Next**. Continue through the prompts. Press **Install** when prompted.

10. Press YES when asked if you want to let the program make changes to your computer.

11. Press Next at the install features window.
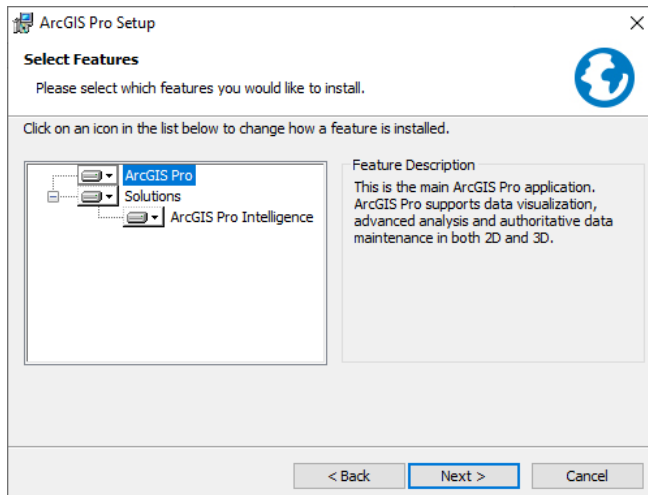
12. Click **Next** until you have successfully installed the software and press **Finish.** The program will launch. **PLEASE NOTE, there is a bug with the licensing step when the program launches. The software will crash unless you follow the steps outlined below. But first, patches must be installed before the software can be licensed.**
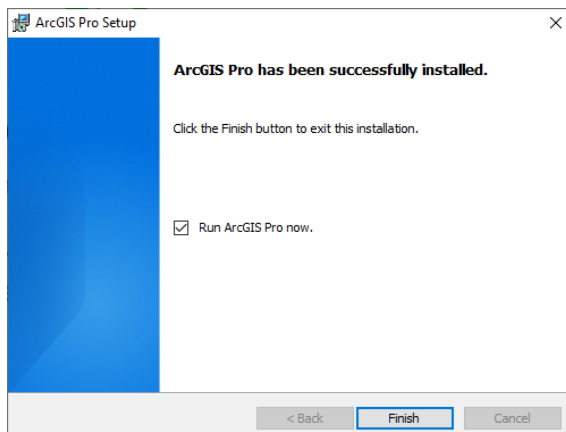
Installing Patches

The next step is installing any available patches.

1. Return to the **box** folder with the install files - https://tufts.box.com/v/ArcGISPro-CurrentVersion
2. Go into the **Patches** folder and download the **ArcGIS_Pro_312_185016** file.
3. From your downloads folder, double click on the **ArcGIS_Pro_312_185016** file to run the patch.
4. Once the patch is installed, the software will likely automatically launch again. Now you can proceed to licensing and signing in.

# Licnensing & Signing into ArcGIS Pro using your ArcGIS Organization's URL

The software is licensed upon launching the ArcGIS Pro. Follow these directions to log into our Tufts Organization account upon launching Pro.

Note: There is a bug upon licensing the software once launched that causes it to crash. Follow these instructions to avoid the problem.

1. If it did not do so automatically, open ArcGIS Pro.
2. When the sign in box comes up, make sure the option for "Sign in Automatically" is checked. **Then click on "Sign in using Browser" in the bottom right corner. Follow the arrow!**
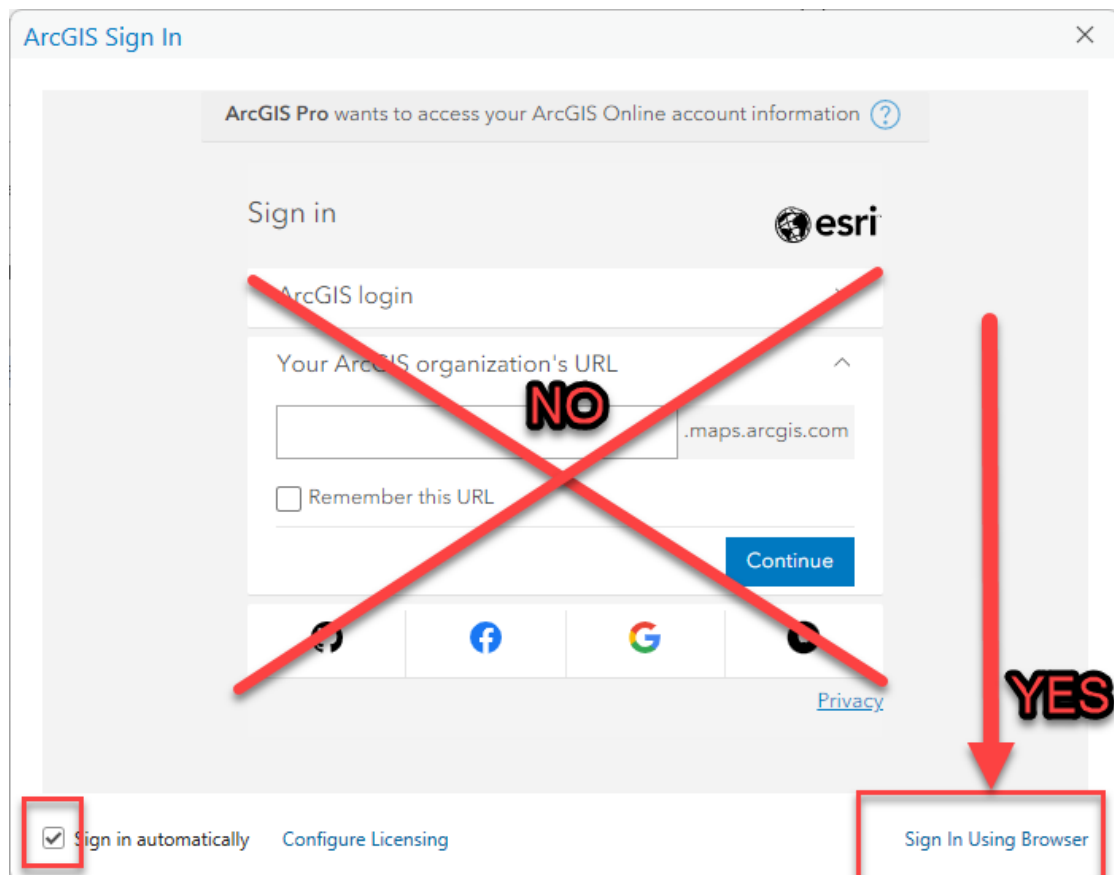
3. You will likely get a **waiting** notification and be rerouted to a browser sign in page.

7. Just like you did in the beginning, click on Sign in with Y**our ArcGIS organization's URL**. Do **NOT** click sign in with ArcGIS Login. Enter **tuftsgis** as the organizations URL so it looks like the following image. Check remember this URL and it will be faster next time.
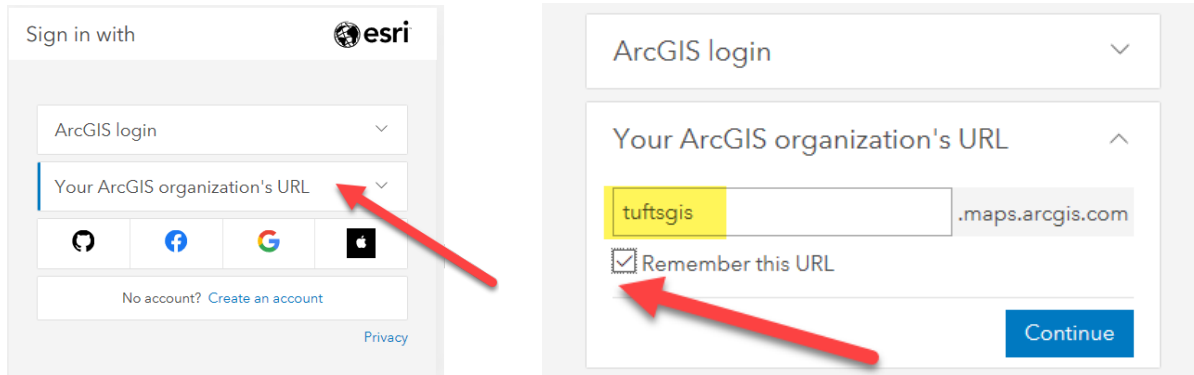
8. You will then be prompted to log in with **TUFTS UNIVERSITY**. Press the blue Tufts button.

4. You will get a notification that this site is trying to open ArcGIS Pro. Check the box to always allow this to happen and then press **Open ArcGIS Pro**.
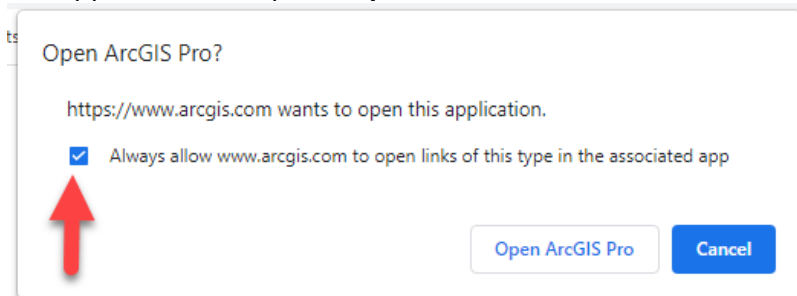
5. Reopen ArcGIS Pro (if it doesn't automatically for you) and now you should see that you are logged in at the top right of the program.
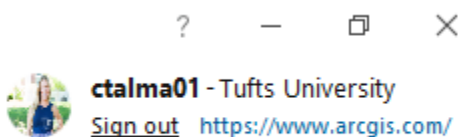

Installing Extensions and Data (optional)

There are also a few extensions available for installation. They are not required to run the software, but provide access to additional tools and data. If you would like to install extensions, do the following:

1. If ArcGIS Pro is open, close the program.

2. Open the box folder again: https://tufts.box.com/v/ArcGISPro-CurrentVersion

3. Go into the **Extensions** folder.

4. Click on the **ArcGISPro_31_Data_Interop_Ext_185025** file and the **ArcGIS_Coordinate_Systems_Data_Windows_111_185041** and download them both.

5. Navigate to your downloads folder and double click on the **ArcGISPro_31_Data_Interop_Ext_185025** to run the first extension.

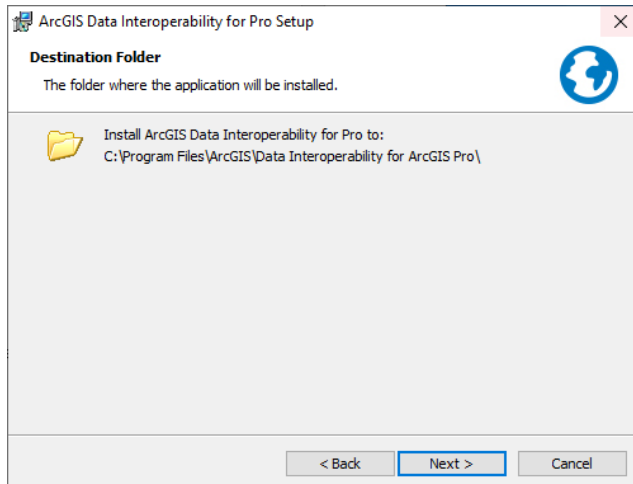6. Choose your destination folder and press **next**.
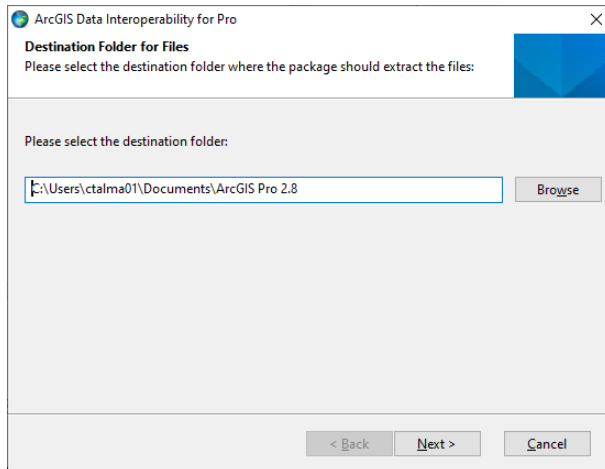
7. Press **Close** when you get the notification that files have been successfully extracted.
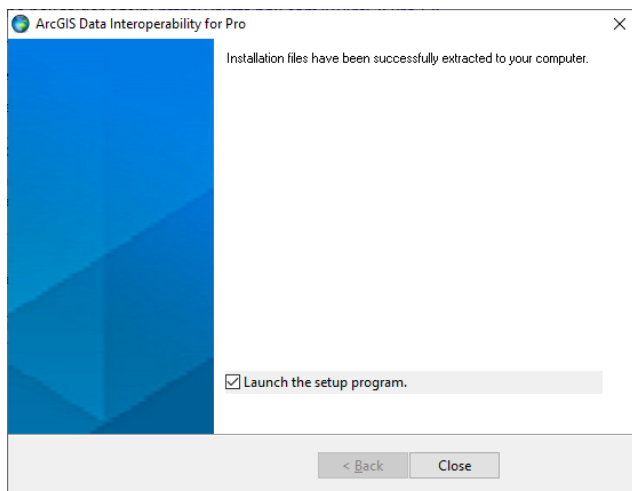
8. Press **Next**.

9. Press **next** through the prompts and press Yes to accept the master agreement.

10. Press **Next** once the destination folder has been selected and then **Install**.

11. Press yes when it asks if you want software to make changes to your computer.

12. Click Finish once the software has completed installing.
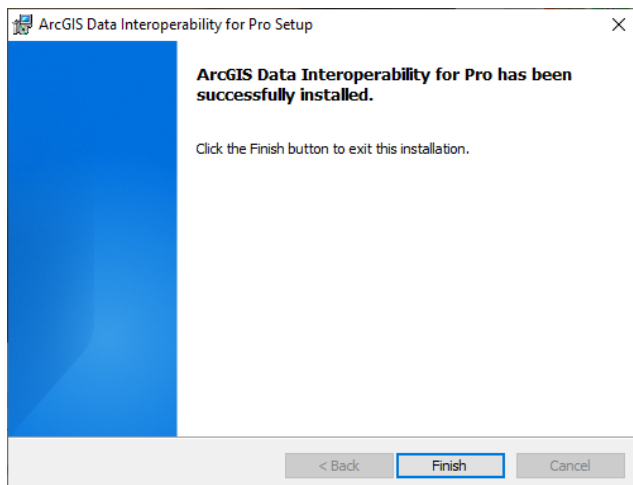
13. Return to your downloads folder and repeat the process with the **ArcGIS_Coordinate_Systems_Data_Windows_111_185041.**

14. Lastly, if you would like to install the raster **data** or additional **add-ins**, repeat the process with the installers in those folders.

If you have any questions, reach out to the Data Lab at DataLab-Support@elist.tufts.edu.