How do I share files using Globus?

You can share data with other people using Globus. In this example, we will share a file already uploaded to ICER's HPCC. The same process will apply for sharing files from any endpoint (*e.g.*, personal computer, etc.). First open Globus, log in with your MSU credentials if necessary, and connect to the endpoint where the file you want to share is located. Select the file(s) or folder(s) you want to share. In this example we will share the examplemathJNB.ipynb file (blue box). Click Share (orange oval).
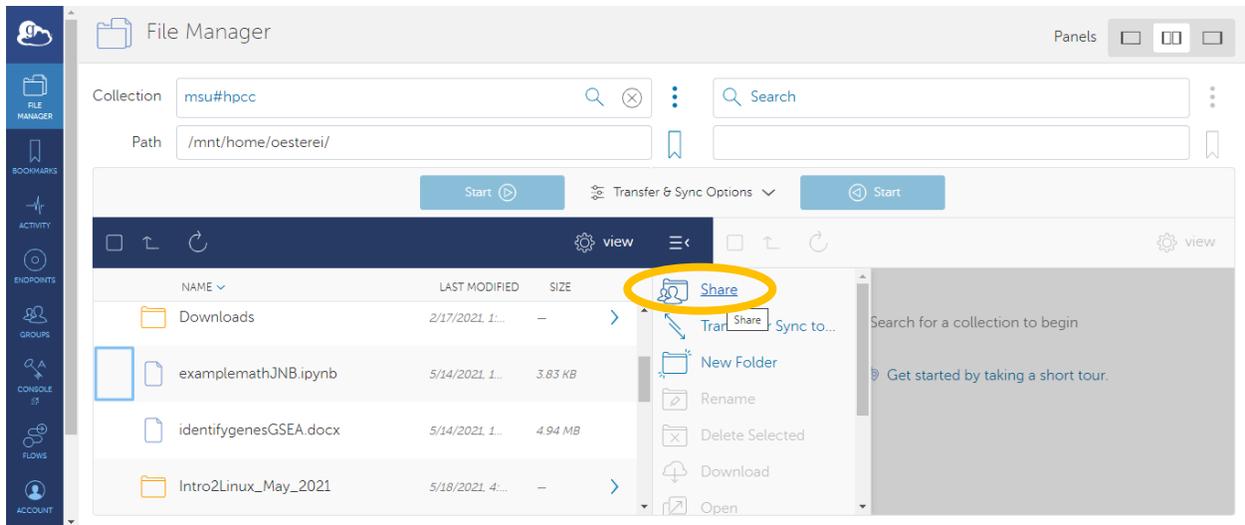
You may need to give authentication/consent. Click Continue (orange oval).
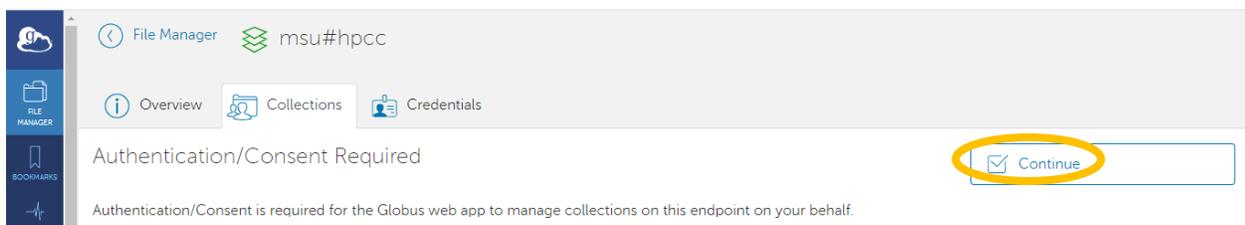
You may need to establish a guest collection. Click Add A Guest Collection (orange oval) and provide the necessary requested information.
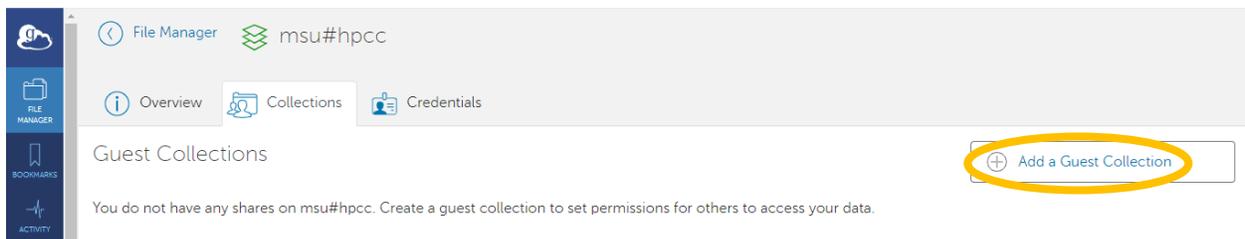
You are creating   a guest collection on "msu#hpcc" to share data

Directory   /mnt/home/oesterei/   Browse   ?

Display Name   LauraHarrisHPCC

Description   LauraHarrisHPCChomedirectory

Keywords   genomics, Higgs boson, climate change

view more fields ⌄

Create Collection   Cancel

Once your guest collection is established, you can share it with other people by adding permissions to your guest collection (orange oval below).

You will then establish the path of what you will share, sharing permissions, and the email of the person whom you wish to share the data.

Do not forget to click the Add button for the email address (orange oval).

Path	/Intro2Linux_May_2021/

Browse

Share With
- ● user – share with specific individuals
- ○ group – make data accessible to members of a group
- ○ all users – make data accessible to all logged in users of Globus
- ○ public (anonymous) – make data accessible to everyone

Username or Email   oesterei@gmail.com   ⊗   Search   Add

Permissions   ☑ Read
               ☐ Write

Add Permission   Cancel

Click Add Permissions button when done.

◉ LAURAHARRISHPCC
Add Permissions - Share With

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User   oesterei@gmail.com   Change

☑ Send Email   oesterei@gmail.com   ✎

Message   You have access!

Permissions   ☑ Read
               ☑ Write

Add Permission   Cancel

Now you can see the additional user on the Permissions tab. You can provide a link to the shared data by using Show Link for sharing (orange oval).
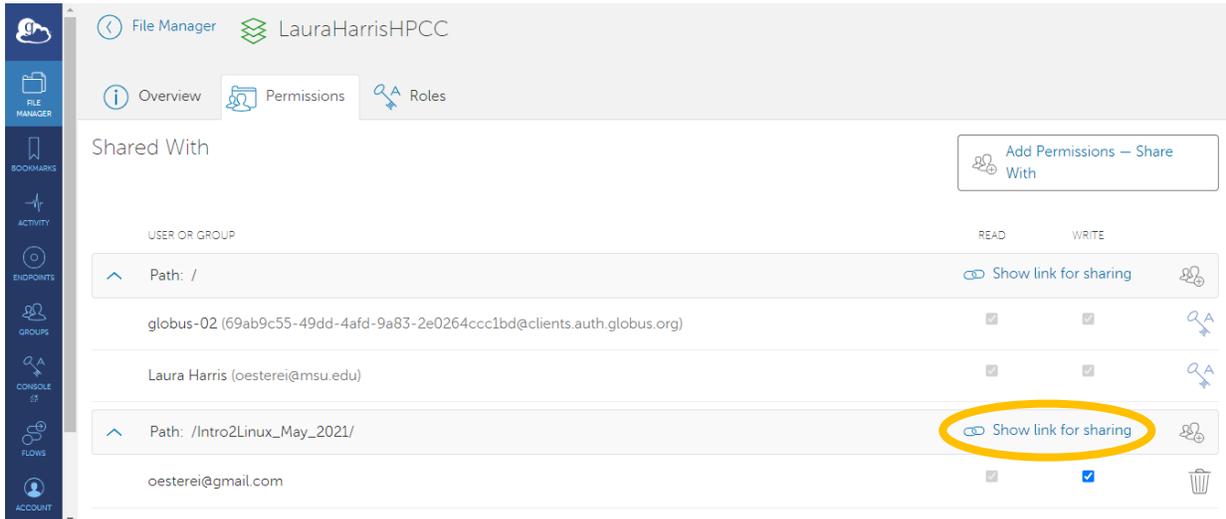
By going to the Roles tab, you can Assign New Role (orange oval) to a user or group of users in your guest collection.
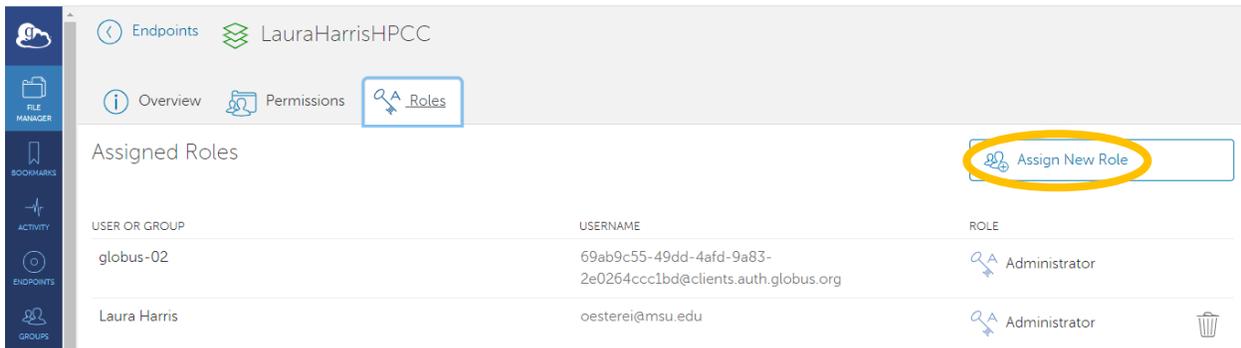
You then can assign users or user groups different accessibility to view or modify data in the guest connection. Do not forget to click the Add button for the email address (orange oval).
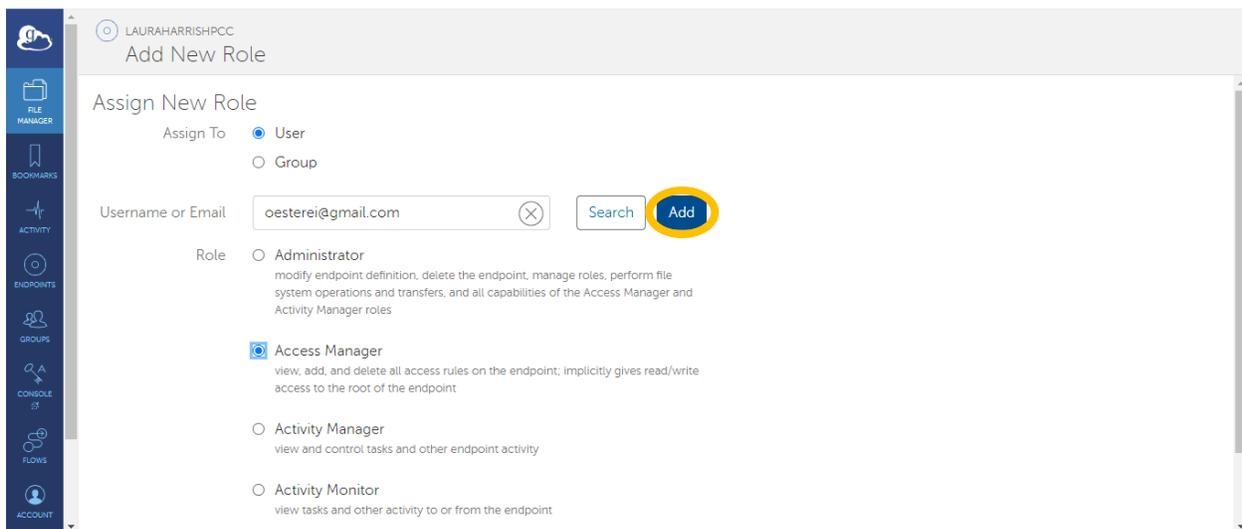
Click Add Role to confirm changes.
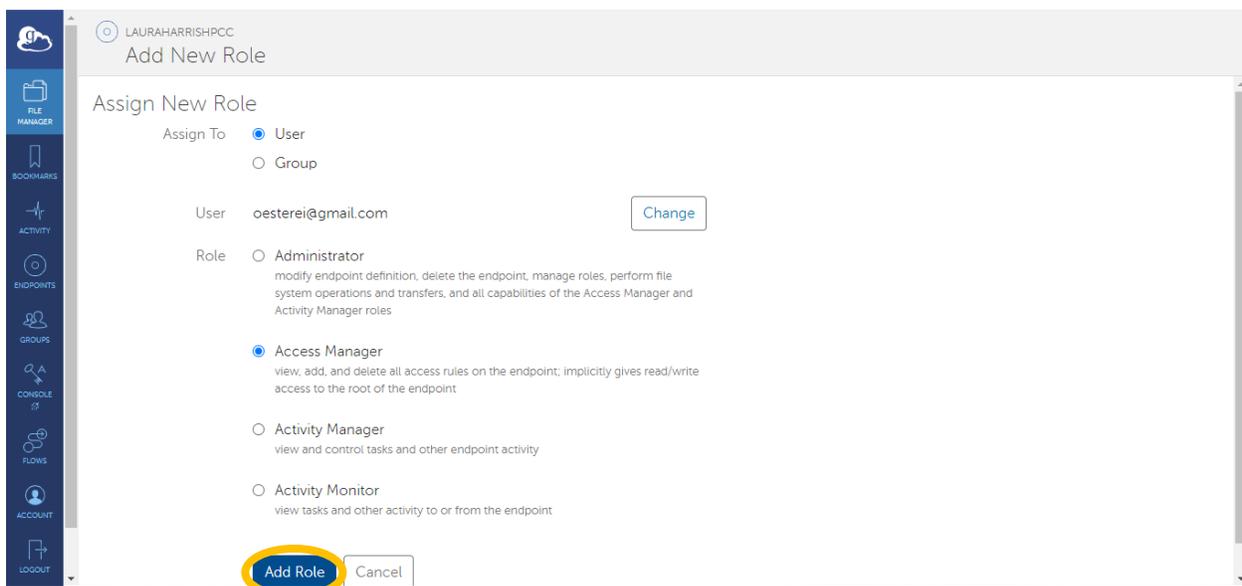
For more information on sharing files using Globus, please see https://docs.globus.org/how-to/share-files/.