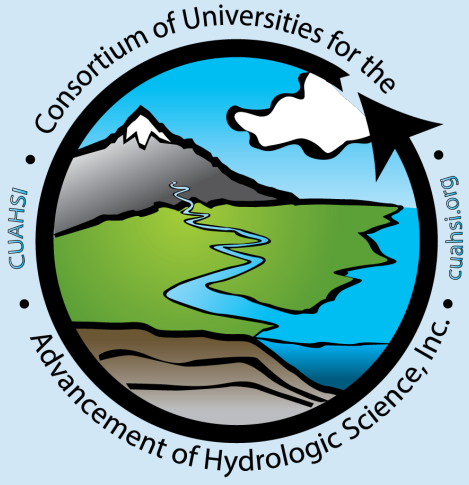


HydroShare

CUAHSI's online data repository and collaboration tool for archiving, publishing, and sharing hydrologic data, models, and code

Julia Masterman
CUAHSI Science Education and Outreach Coordinator

HydroShare

More than just a data archive

HYDROSHARE

1

Create Data

HydroShare supports a broad set of hydrologic data types.

Shapefiles, timeseries, model instances, analysis code, and more

2

Upload

Create a HydroShare profile and upload data.

Free and open source

20 GB space

Creative Commons License

3

Describe

Describe all data types with metadata.

Dublin Core Methodology +

Built in functionality to extract metadata

4

Collaborate

Share with colleagues.

Use web apps for modeling, analysis and visualization.

MATLAB Online, JupyterHub Notebooks, and more

5

Publish

Make resources widely available, obtain a DOI, and cite in publications.

Discover data sets and models uploaded by others

Julia Masterman
Science Education and Outreach Coordinator
jmasterman@cuahsi.org

Hydroshare: hydroshare.org/home/
CUAHSI Data Services: cuahsi.org/data-models
CUAHSI Education and Trainings:
cuahsi.org/education

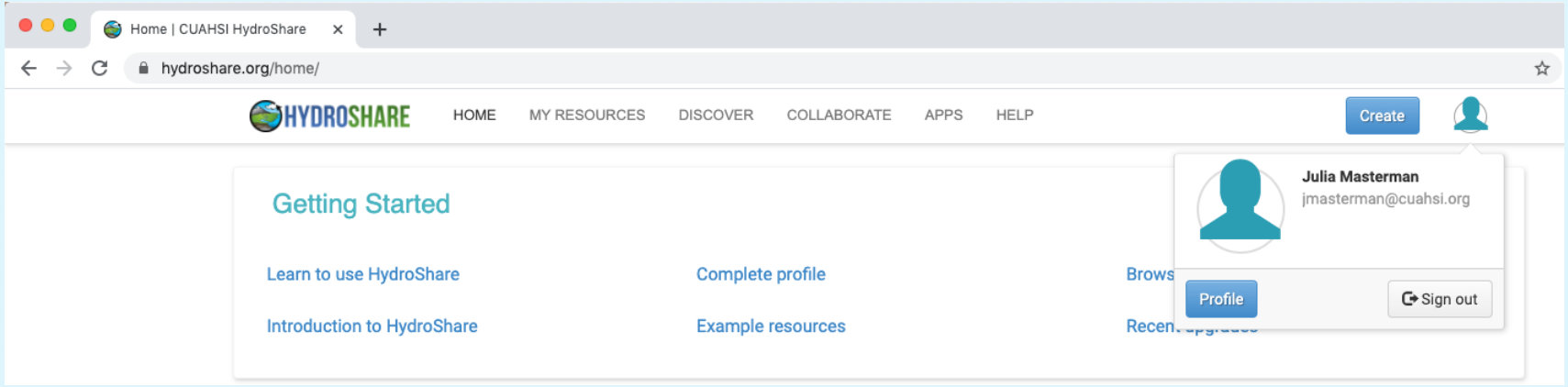
Already using HydroShare and have a problem?
Reach out to help@cuahsi.org

CUAHSI
universities allied for water research

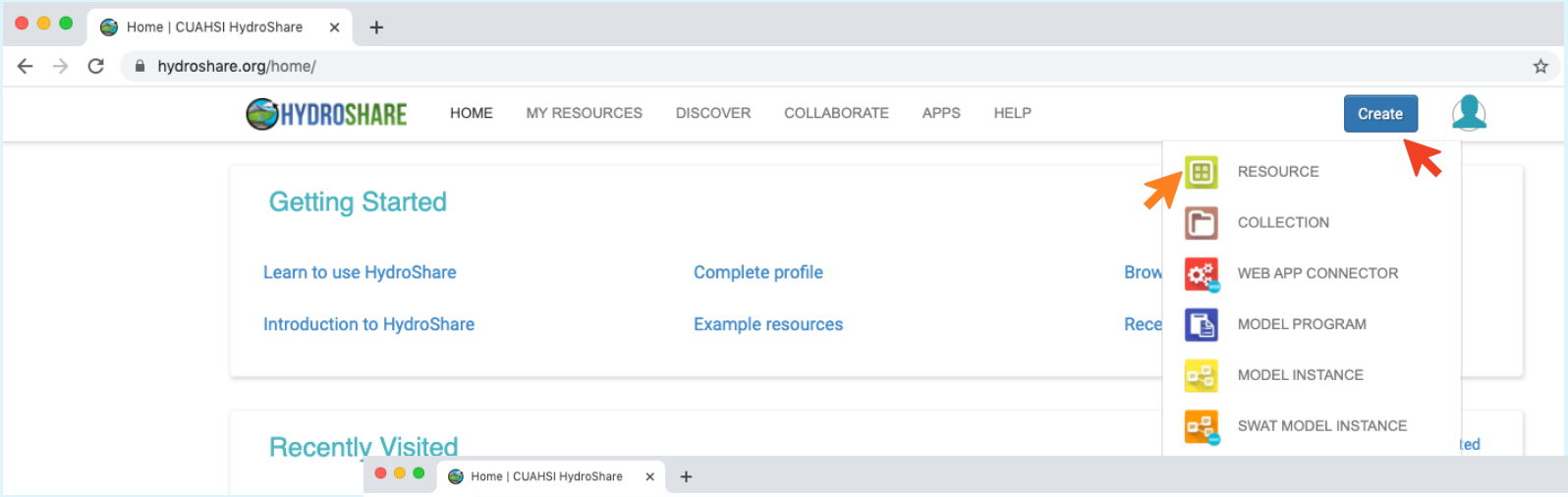
Tweet us at @CUAHSI

Uploading Data To HydroShare

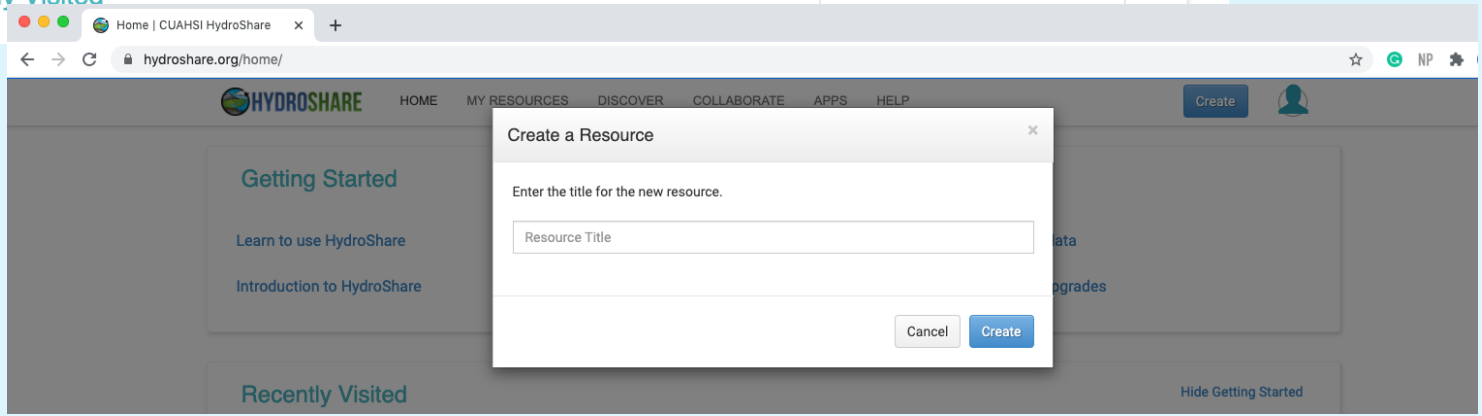
Go to hydroshare.org and sign in



Create a new Resource

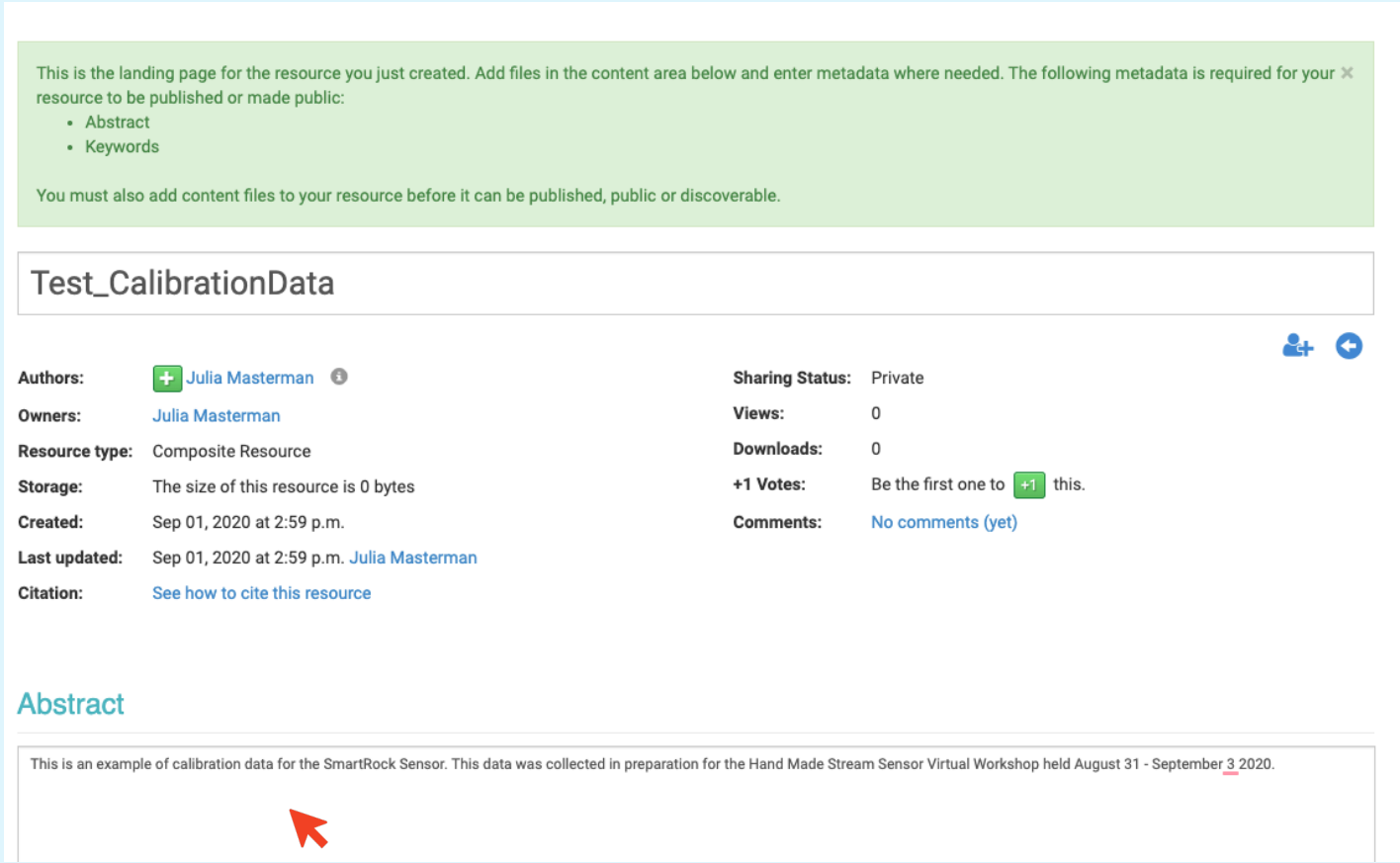


Title your resource and click create. Creating the resource may take a moment.



Describe your resource

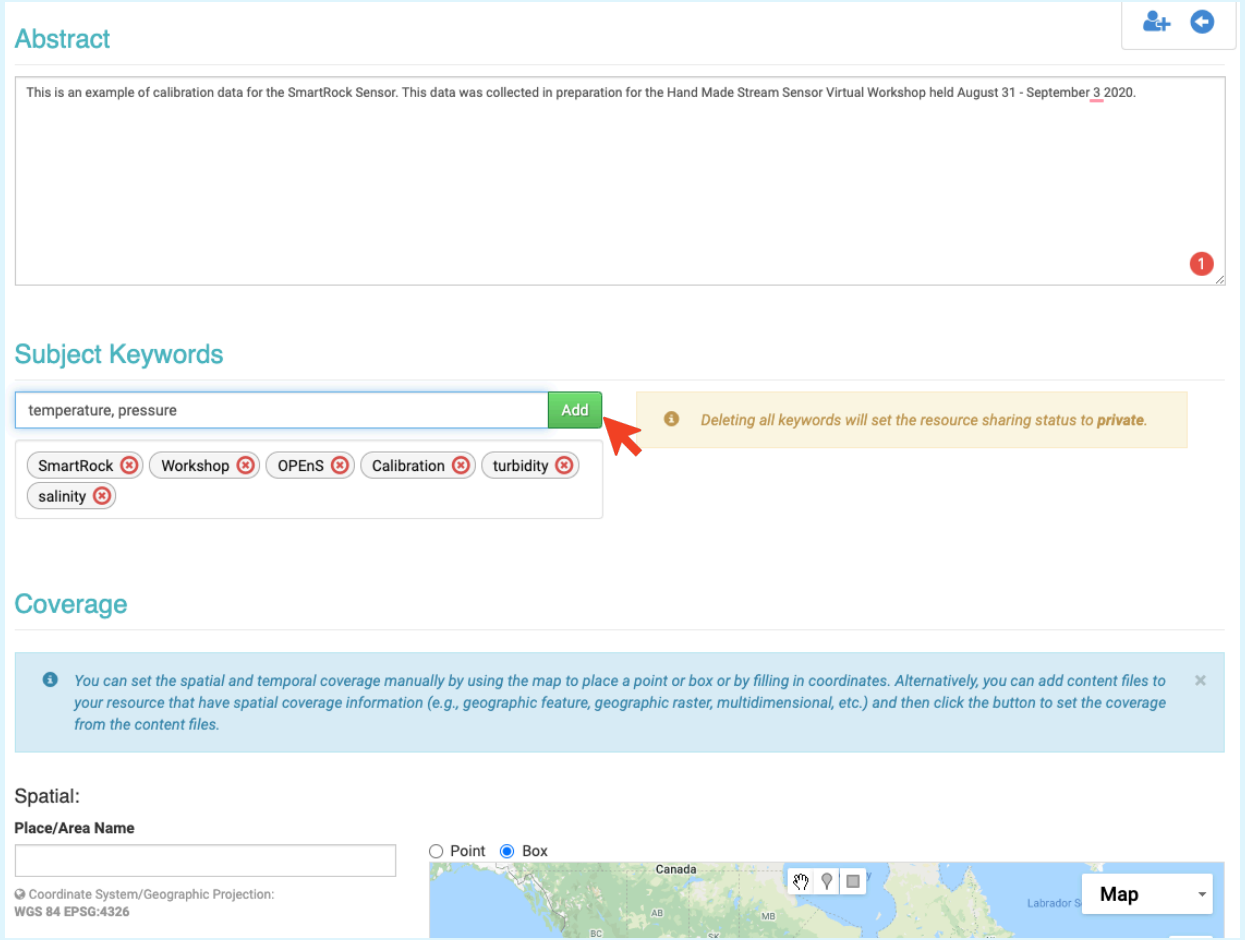
1. Enter descriptive text in the Abstract.



Describe your resource

Scroll down,

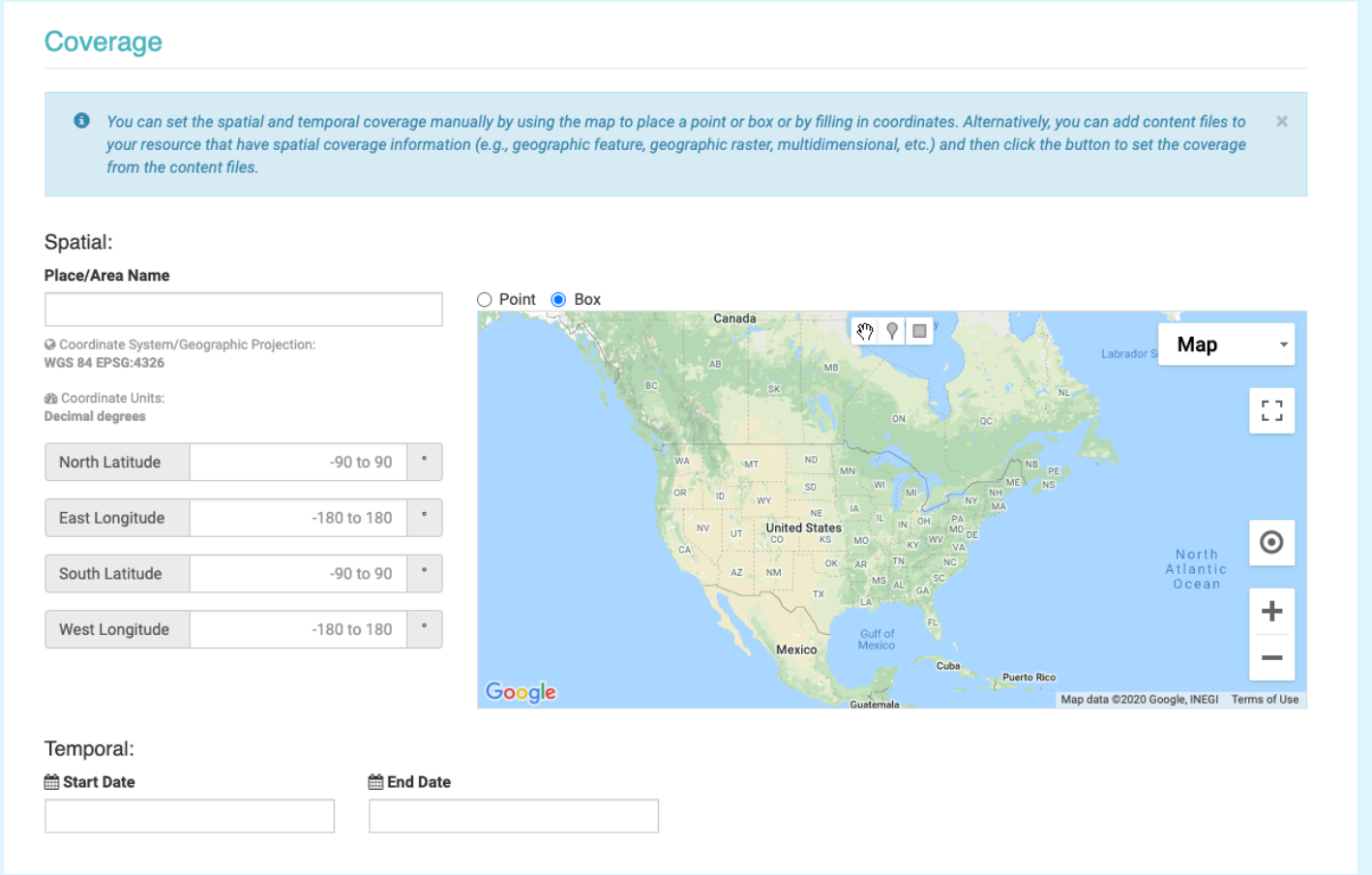
2. Enter keywords, especially those not mentioned in the abstract.



Describe your resource

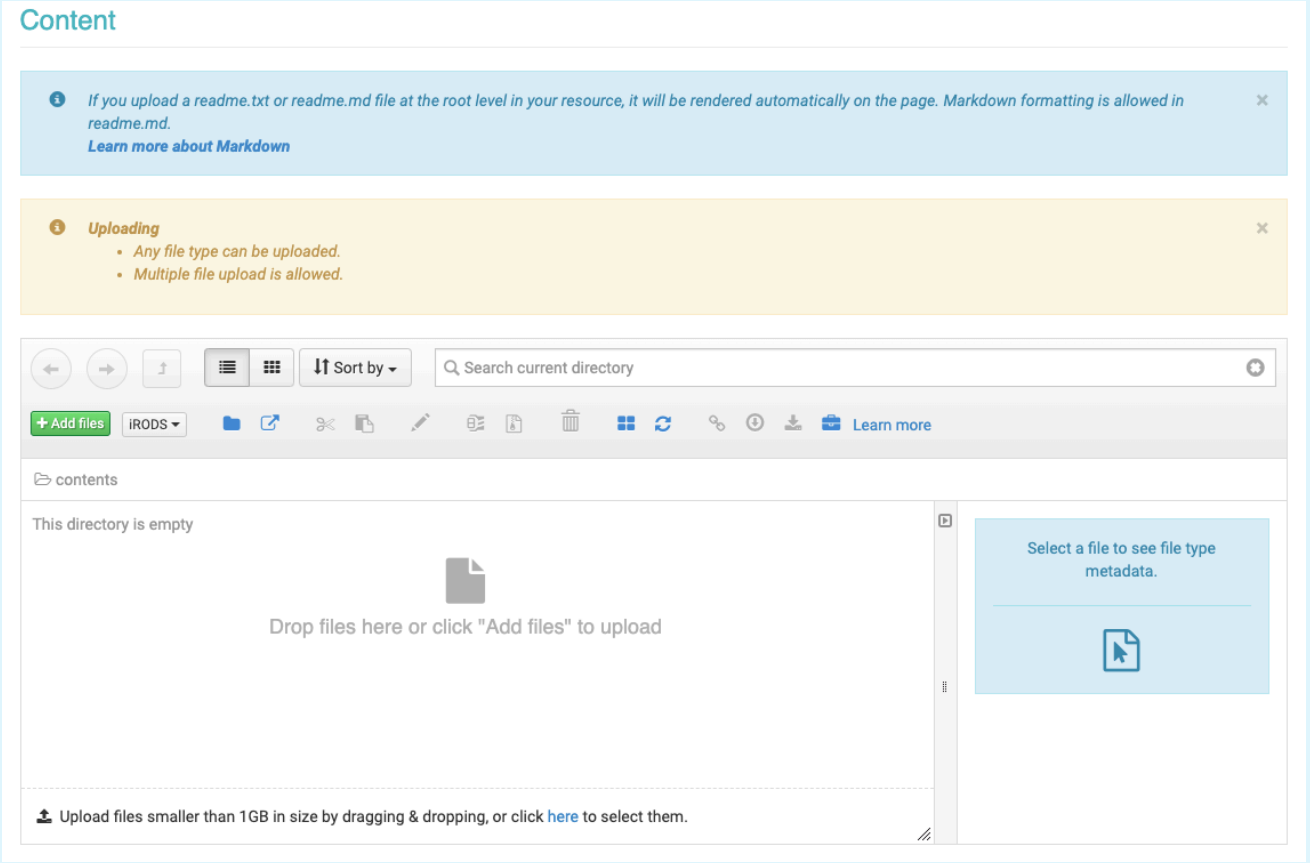
Scroll down,

3. Add spatial and temporal coverage metadata.

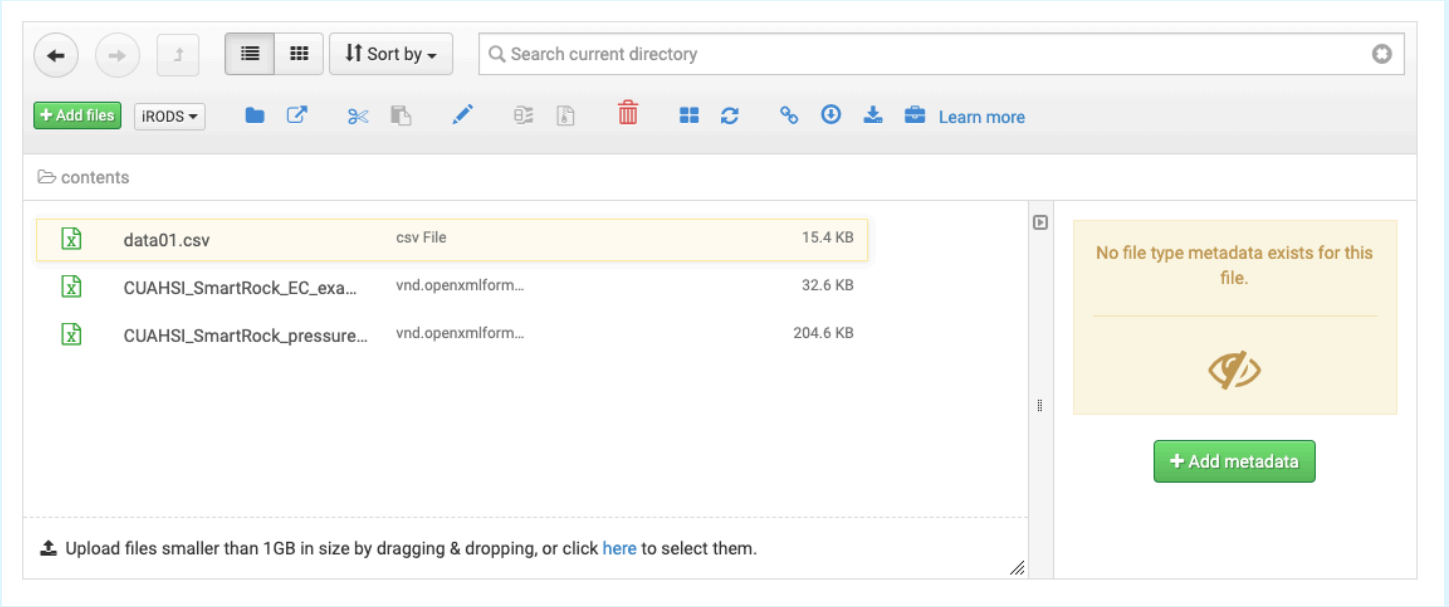


Upload your Data

1. Click “Add files”, and select the data you want to upload.



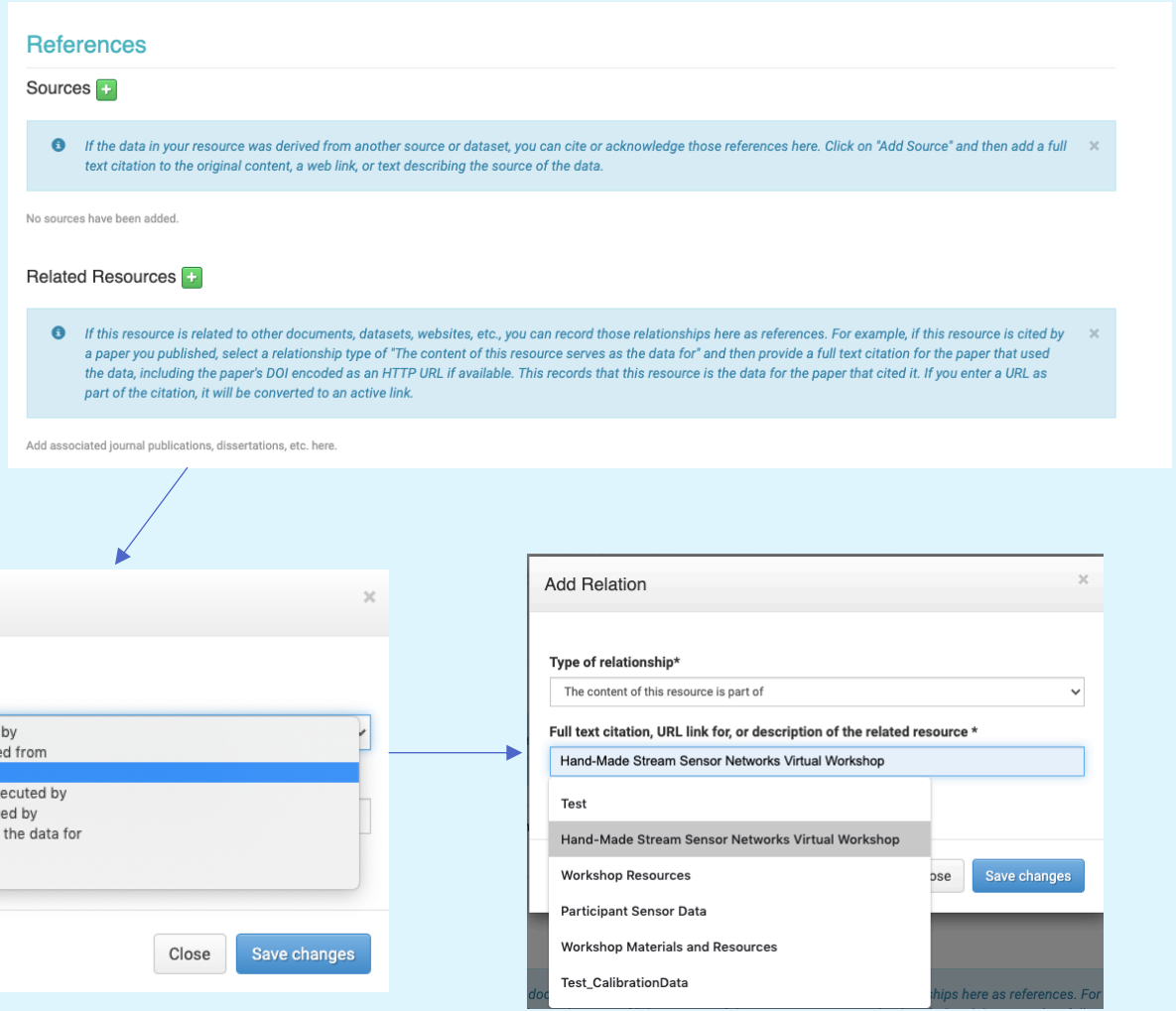
Upload your Data



2. Describe your files further with metadata
    - Click once on the file you want to describe.
    - Click add metadata.
    - There you can describe each file individually with titles, keywords, extended metadata, spatial and temporal coverage and more.

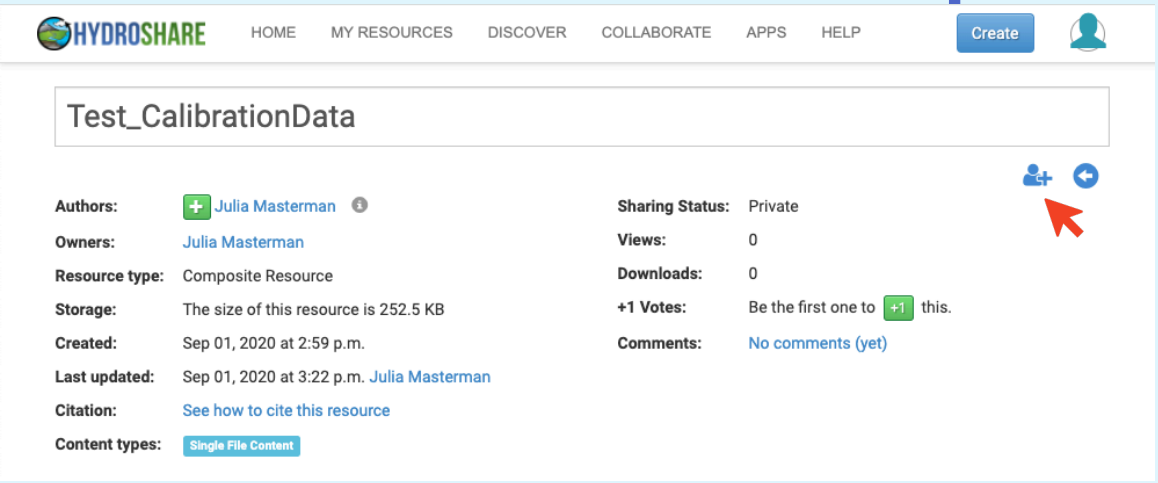
Add References and Credits

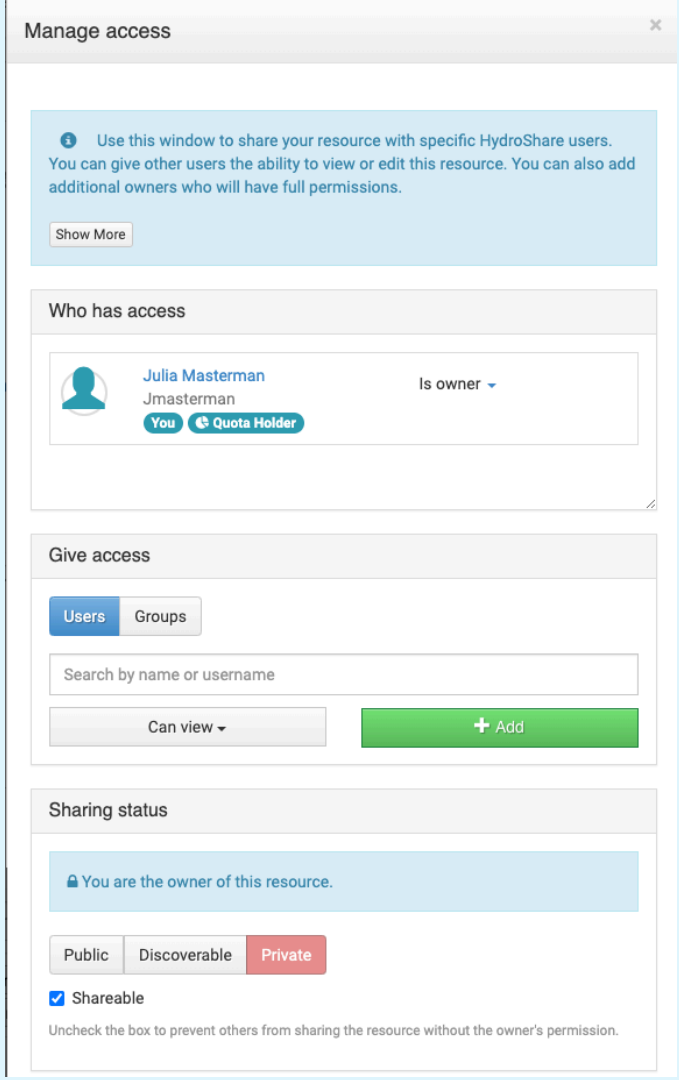
1. Under related Resources, add the Hand-Made Stream Sensor Virtual Workshop



Manage who has access

1. Scroll back to the top and click the little person with the plus in the upper right.





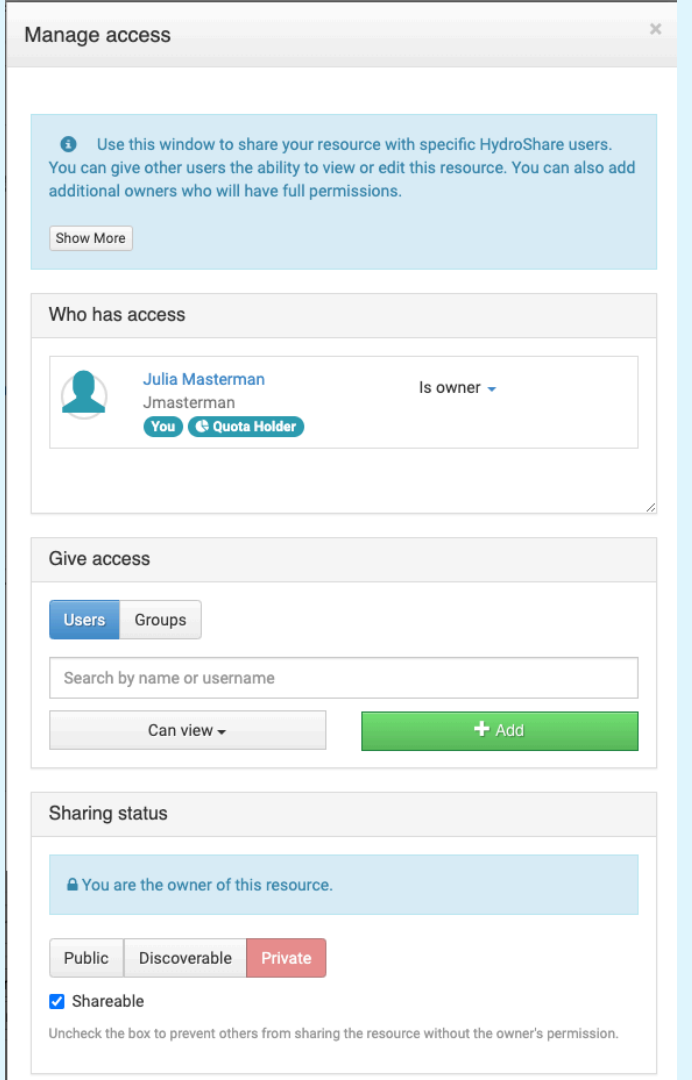
Manage who has access

Give Access:

Give access to specific users or groups here. Resources shared with you are accessible from the “My Resources” tab on the home page.

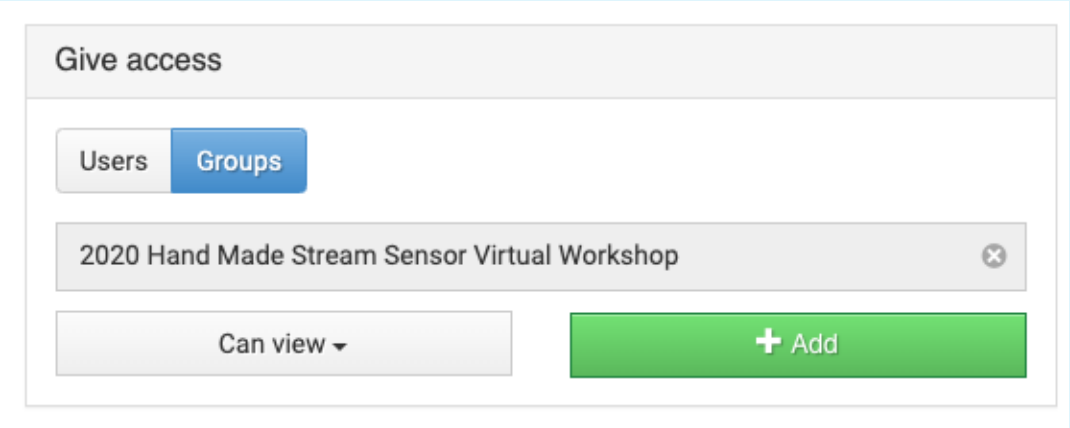
Sharing Status:

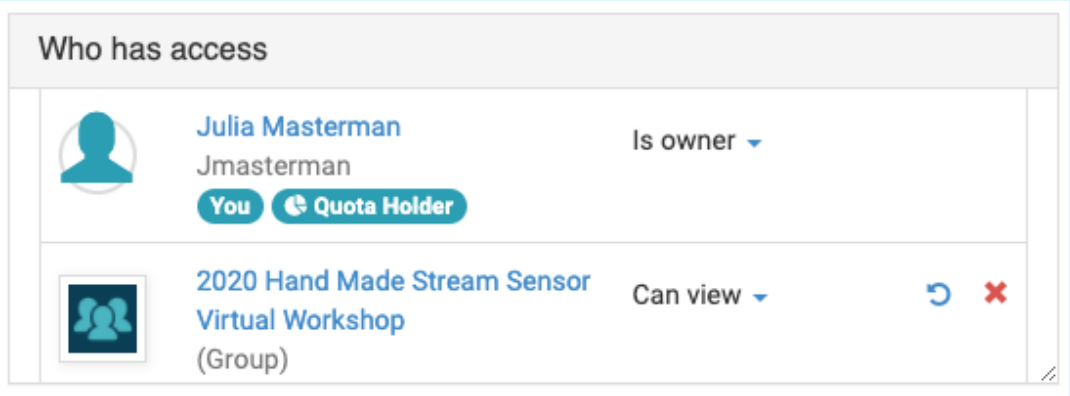
All new resources are private by default. Explore the sharing status options here by hovering over the “Public”, “Discoverable”, and “Private” buttons.



Manage who has access

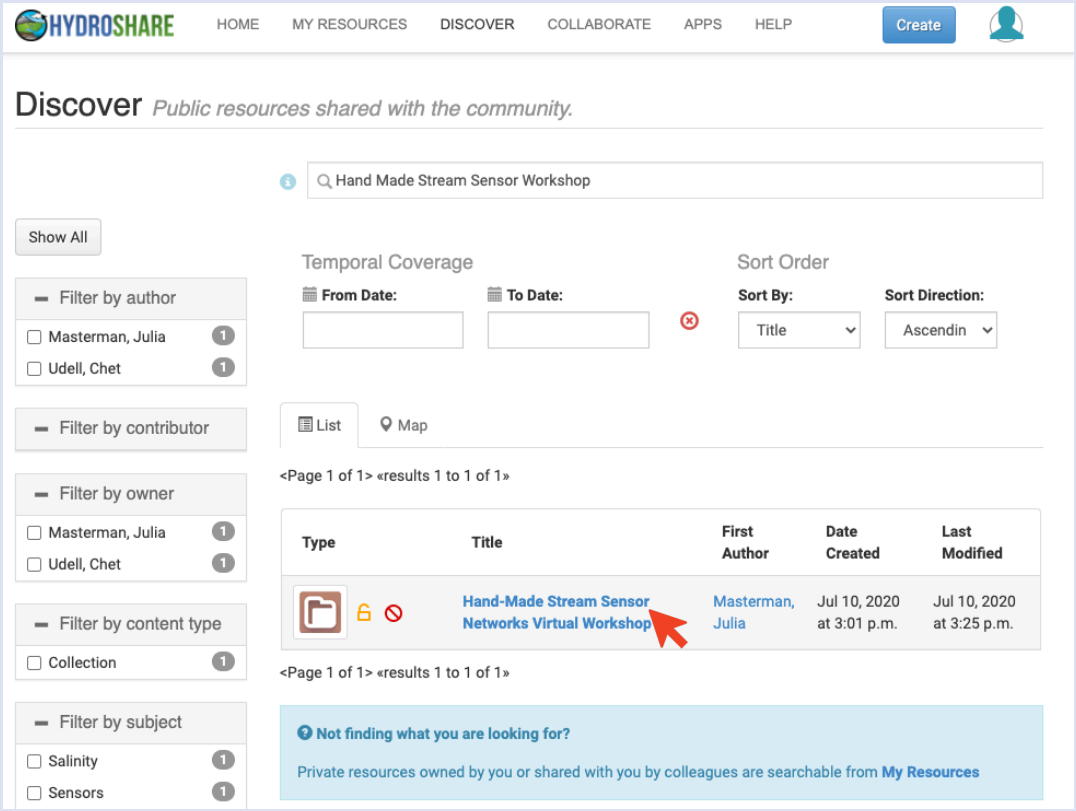
2. Give access to the workshop group.
3. Then the group will show up under “Who has access”





Add your data to the collection for the Workshop

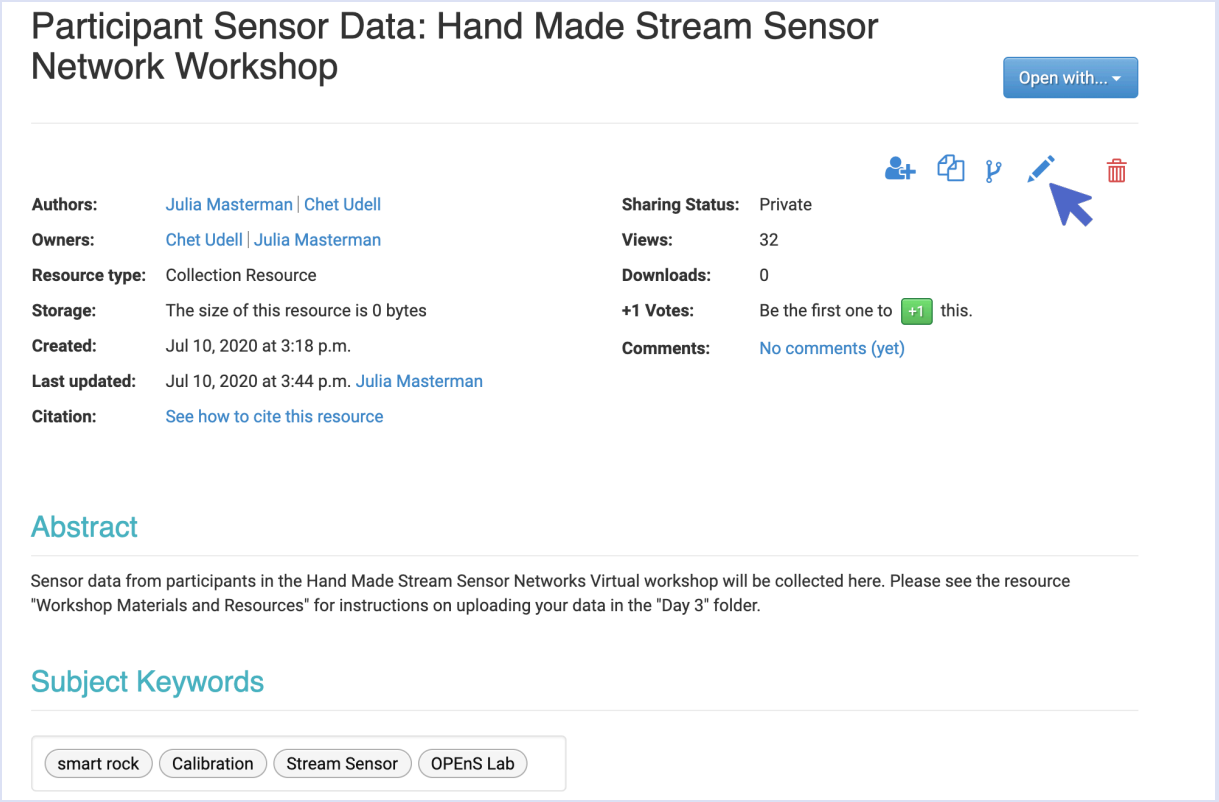
1. Navigate to the Workshop Collection



https://www.hydroshare.org/resource/a2d72d5f9b3a43cbade7c234dd1501f1/

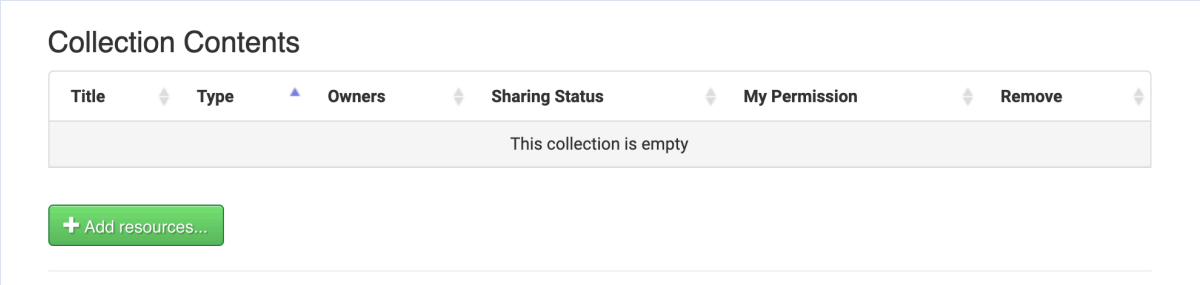
Add your data to the collection for the Workshop

2. Click the pencil to edit the resource (all members of the workshop group have been given editing privileges to this collection)



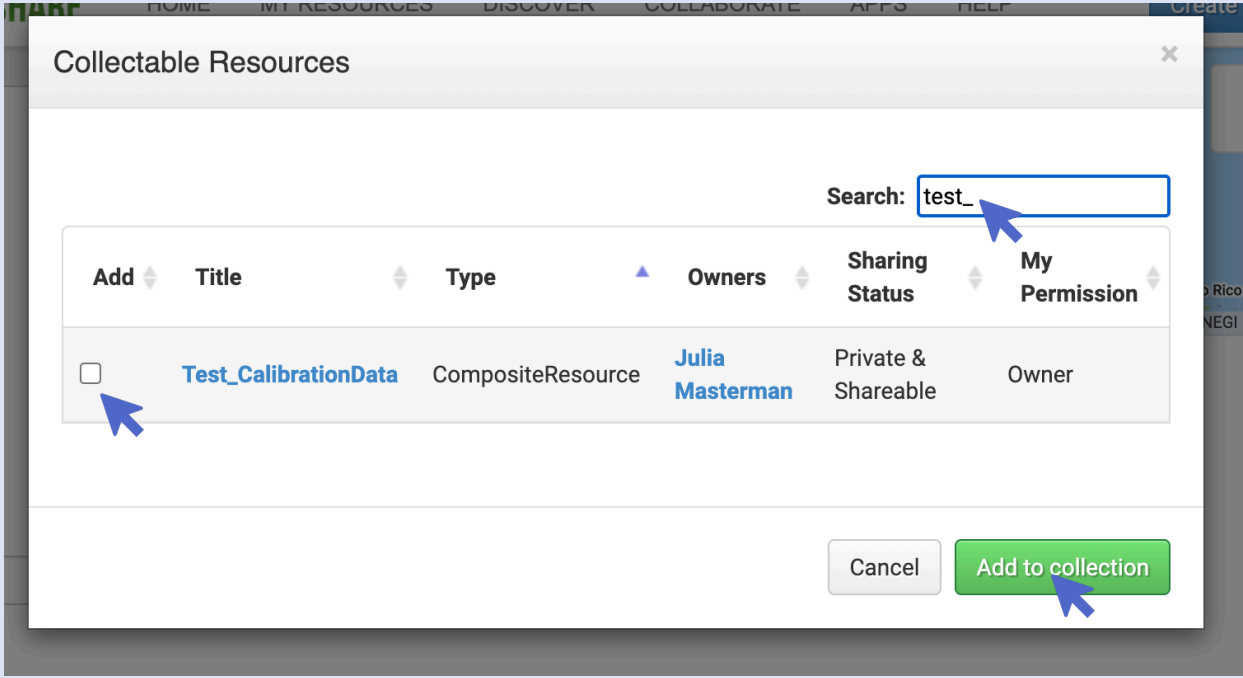
Add your data to the collection for the Workshop

3. Scroll down to “Collection Contents” and click ”Add resources…”.



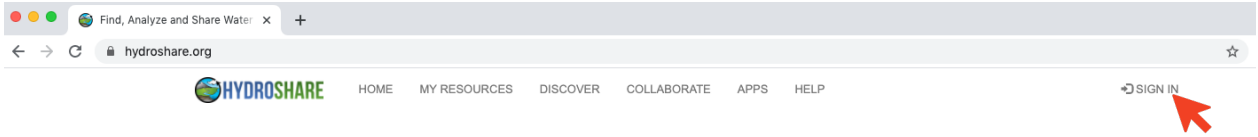
Add your data to the collection for the Workshop

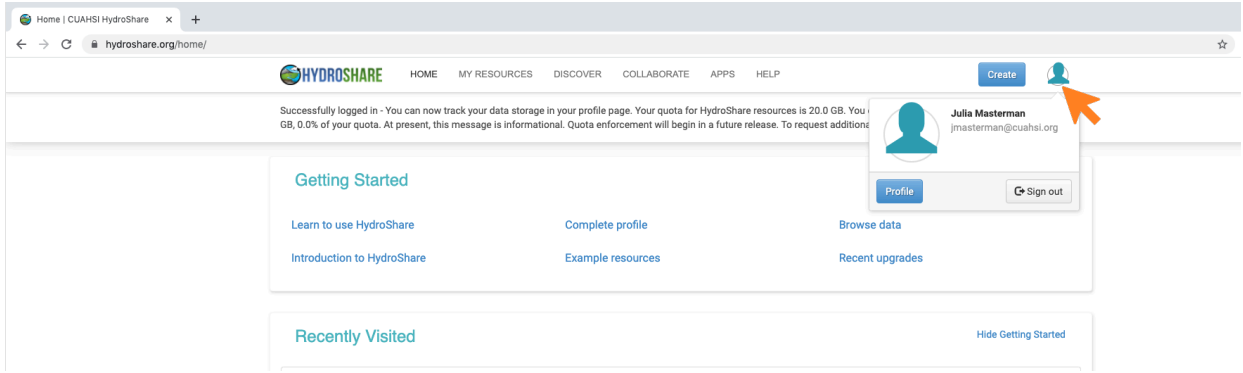
4. Search for the name of your resource and add it to the collection.

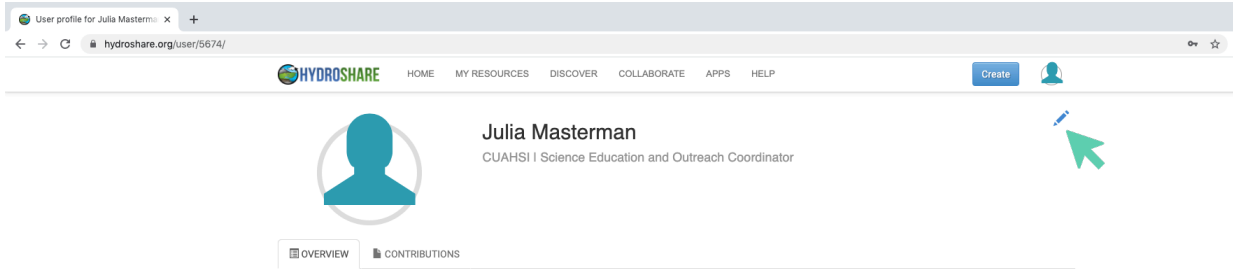


Complete User Profile

1) Log in
2) Go to profile
3) Click the pencil to edit
4) Enter information
5) Save changes







Complete User Profile

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