

## HydroShare

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

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CUAHSI Science Education and Outreach Coordinator

## HydroShare

More than just a data archive





Create Data

HydroShare supports a broad set of hydrologic data types.

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



Upload

Create a HydroShare profile and upload data.

Free and open source
20 GB space
Creative Commons License



Describe

Describe all data types with metadata.

Dublin Core Methodology + Built in functionality to extract metadata



Collaborate

Share with colleagues.

Use web apps for modeling, analysis and visualization.

MATLAB Online, JupyterHub Notebooks, and more



**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
<a href="masterman@cuahsi.org">jmasterman@cuahsi.org</a>

Hydroshare: <a href="hydroshare.org/home/">hydroshare.org/home/</a>

CUAHSI Data Services: <a href="mailto:cuahsi.org/data-models">cuahsi.org/data-models</a>

**CUAHSI Education and Trainings:** 

cuahsi.org/education

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

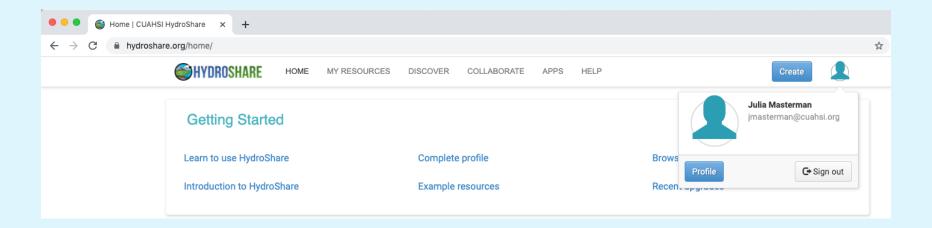


### Tweet us at @CUAHSI

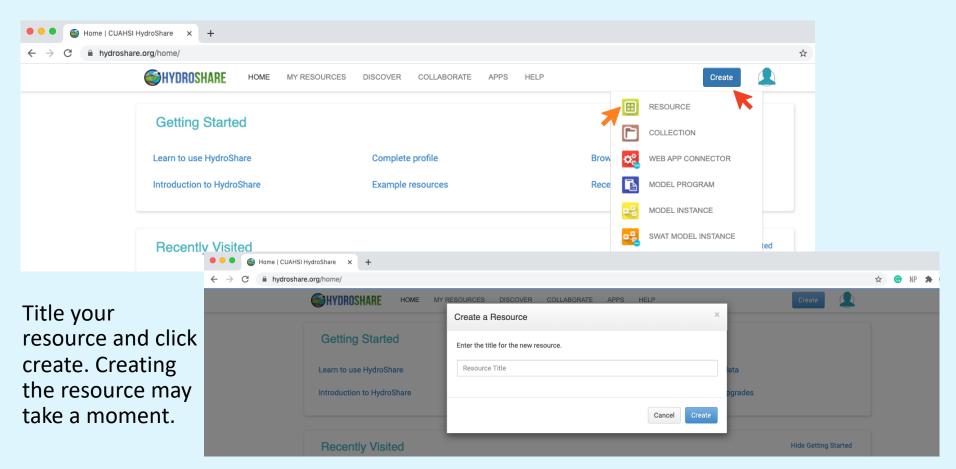
### Uploading Data To HydroShare



## Go to hydroshare.org and sign in



### Create a new Resource



## Describe your resource

This is the landing page for the resource you just created. Add files in the content area below and enter metadata where needed. The following metadata is required for your 🗵 resource to be published or made public:

- Abstract
- Keywords

You must also add content files to your resource before it can be published, public or discoverable.

### Test\_CalibrationData





Sharing Status: Private

Views:

Downloads:

+1 Votes: Be the first one to 111 this.

No comments (yet) Comments:

0

Julia Masterman 💿

Julia Masterman

Composite Resource

Resource type: Storage:

The size of this resource is 0 bytes

Created:

Authors:

Owners:

Sep 01, 2020 at 2:59 p.m.

Last updated:

Sep 01, 2020 at 2:59 p.m. Julia Masterman

Citation: See how to cite this resource

### Abstract

This is an example of calibration data for the SmartRock Sensor. This data was collected in preparation for the Hand Made Stream Sensor Virtual Workshop held August 31 - September 3 2020.

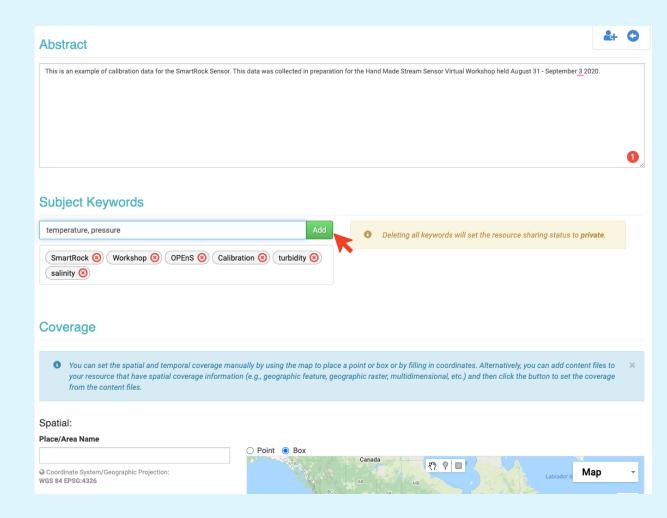


1. Enter descriptive text in the Abstract.

# Describe your resource

Scroll down,

Enter keywords, especially those not mentioned in the abstract.



# Describe your resource

Scroll down,

3. Add spatial and temporal coverage metadata.

### Coverage

• You can set the spatial and temporal coverage manually by using the map to place a point or box or by filling in coordinates. Alternatively, you can add content files to your resource that have spatial coverage information (e.g., geographic feature, geographic raster, multidimensional, etc.) and then click the button to set the coverage from the content files.

#### Spatial:

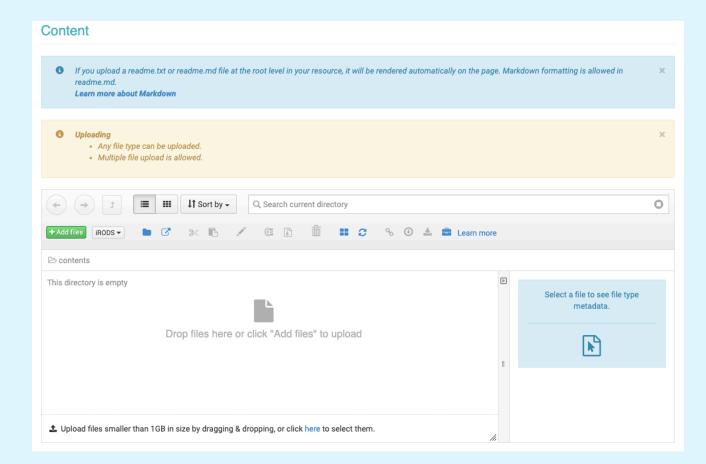
Place/Area Name							
			O Point O Box				
			AE	anada €7 👂 🗖	Labrador S N	1ap	Ŧ
Coordinate Units: Decimal degrees			BC	SK ON Q	NL S	[	
North Latitude	-90 to 90	0	WA	MT ND MN	NB PE		
East Longitude	-180 to 180	•	NV	WY   NE   IA   IL   N   OH   PA   MD   DE   CO   KS   MO   KY   WV   VA	MA	orth ©	2
South Latitude	-90 to 90	۰	GA .	AZ NM OK AR TN NC SC SC TY GA	Atla	antic	
West Longitude	-180 to 180	0		Gulf of Mexico		+	-
			Google	Cube	Puerto Rico Map data ©2020 Google,	INEGI Terms of	of Us

#### Temporal:

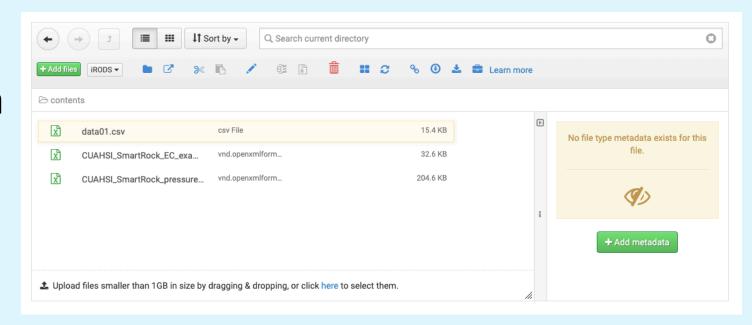
<b>⊞</b> Start Date	m End Date			

## Upload your Data

 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.

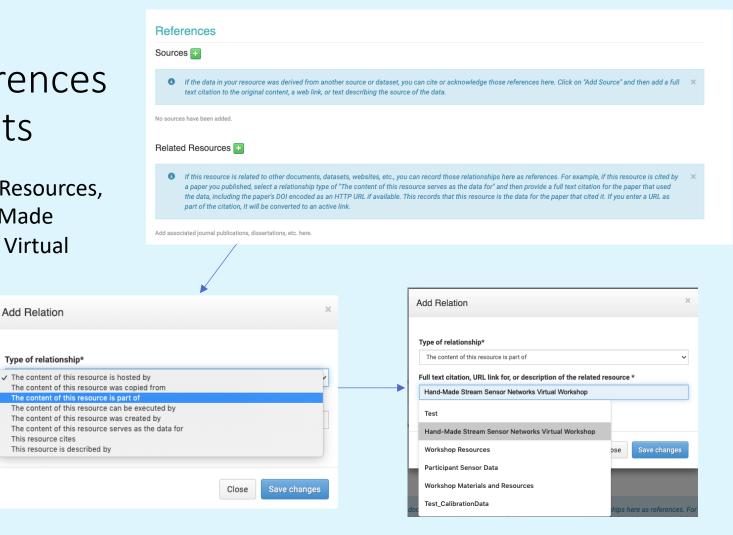
### Add References and Credits

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

Add Relation

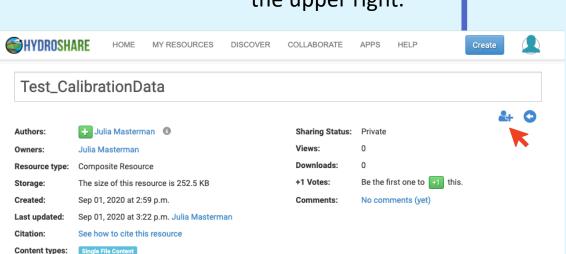
Type of relationship\*

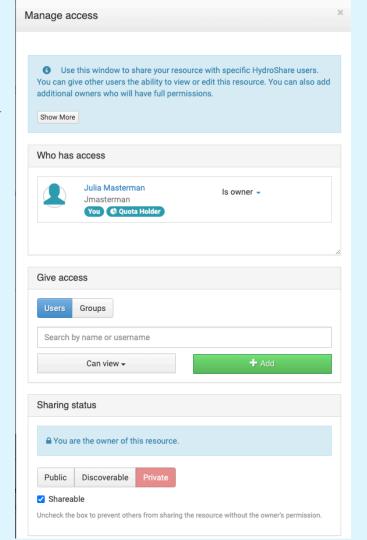
This resource cites This resource is described by



# Manage who has access

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





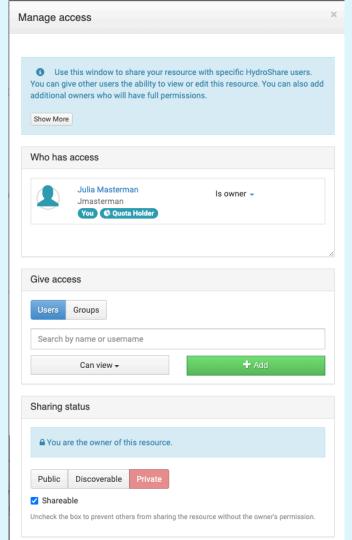
# Manage who has access

### **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.

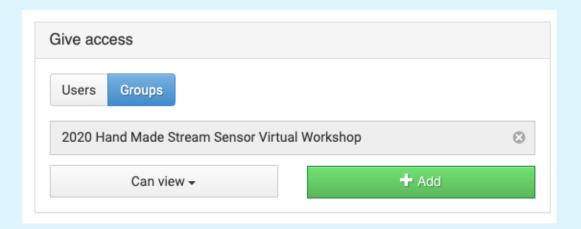
### **Sharing Status:**

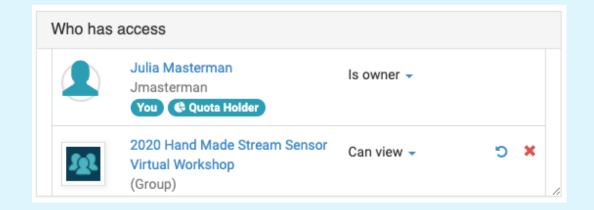
All new resources are private by default. Explore the sharing status options here by hovering over the "Public", "Discoverable", and "Private" buttons.



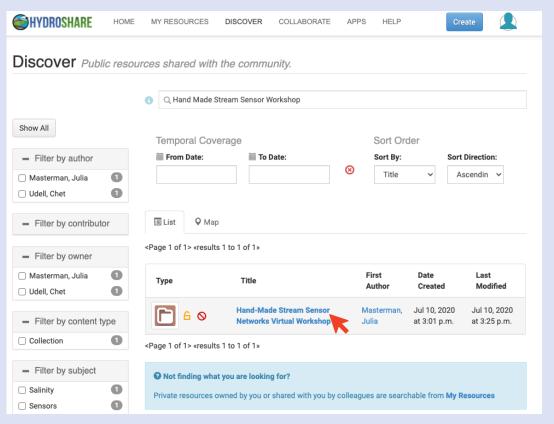
# Manage who has access

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



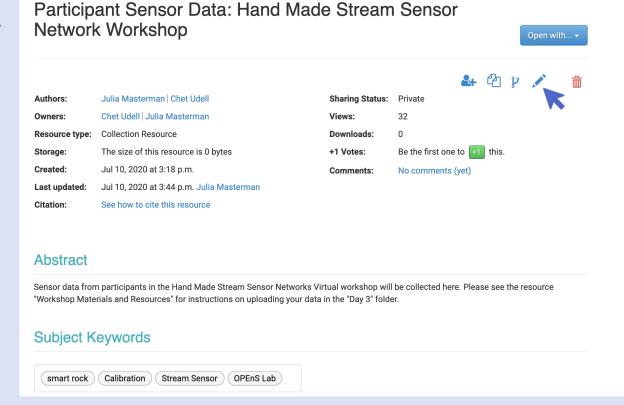


 Navigate to the Workshop Collection

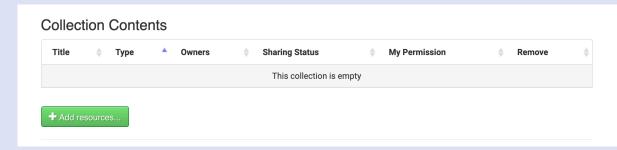


https://www.hydroshare.org/resource/a2d72d 5f9b3a43cbade7c234dd1501f1/

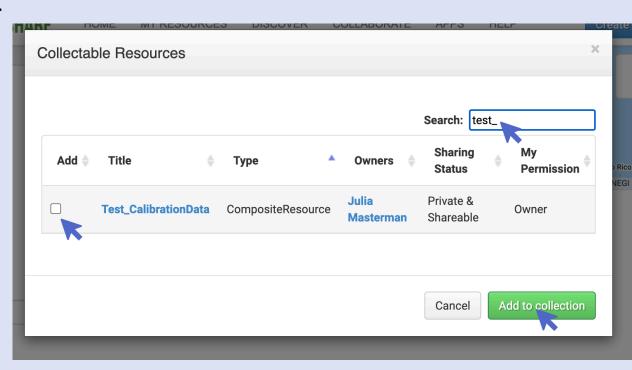
2. Click the pencil to edit the resource (all members of the workshop group have been given editing privileges to this collection)



3. Scroll down to "Collection Contents" and click "Add resources...".

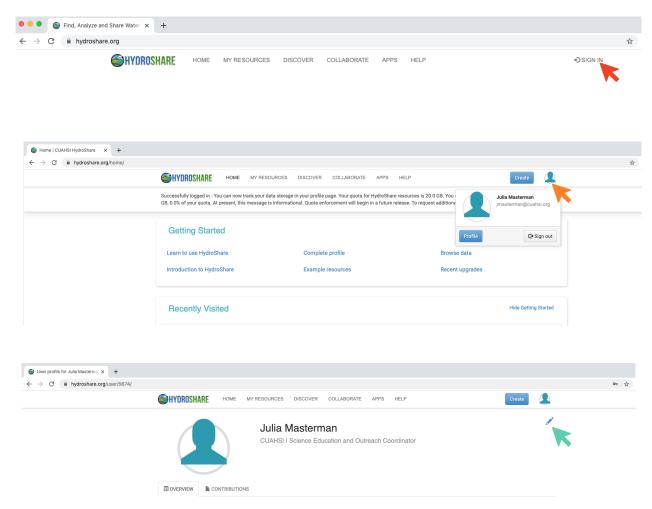


4. Search for the name of your resource and add it to the collection.



## 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

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

