

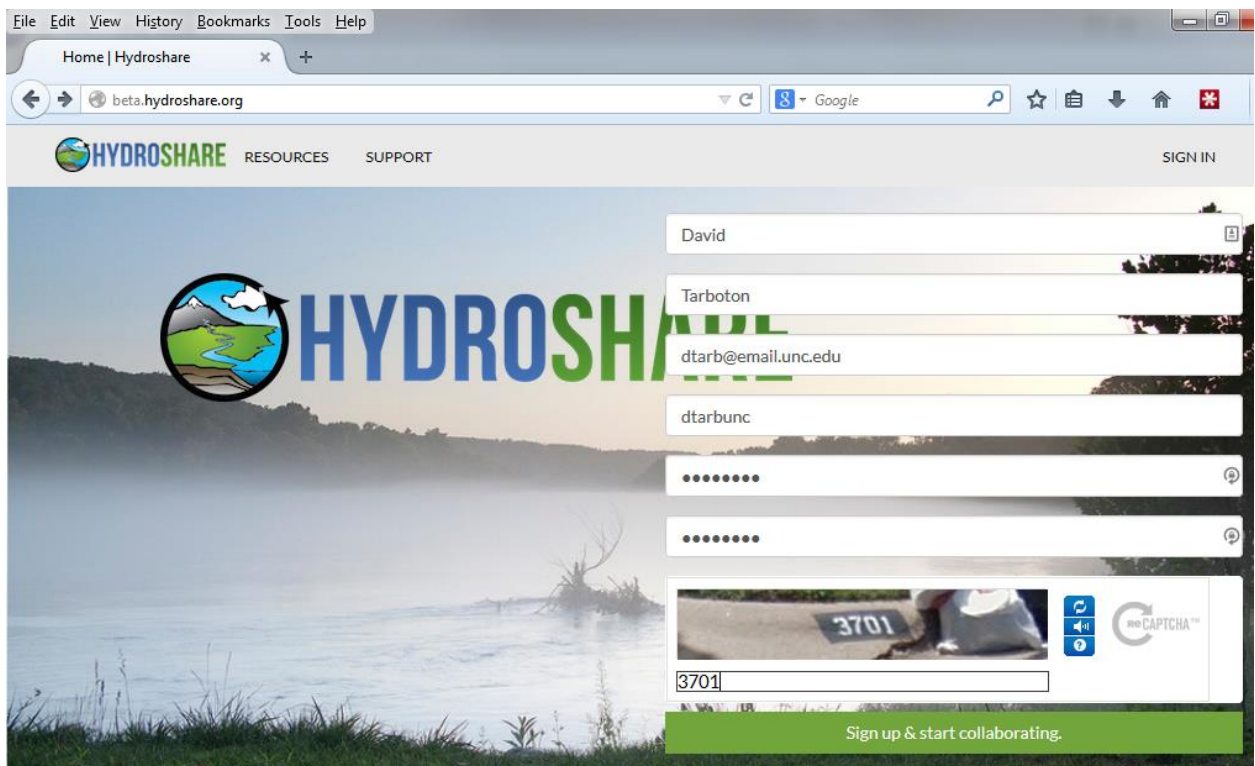
GIS in Water Resources, Fall 2014

Instructions for posting term projects to HydroShare

This course will use HydroShare <http://beta.hydroshare.org> to host your term project work. All your work related to your term project should be saved in a single HydroShare resource. You should create this resource, then at the appropriate time add the necessary files with specified names to this resource. You doing this correctly (following the instructions below exactly) will enable me to create a web page that points to your term project material and that is linked on the class web page.

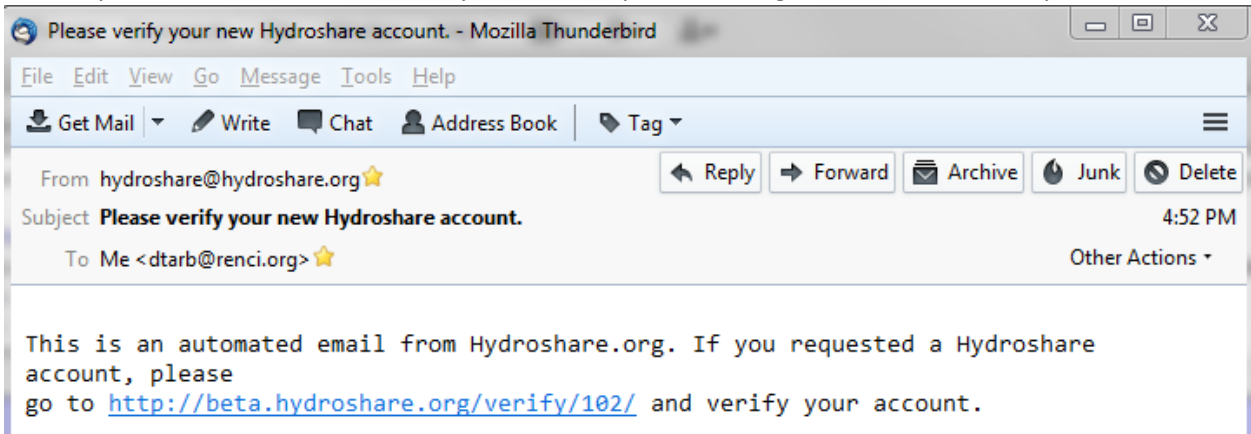
Steps to sign up for HydroShare account, create your resource and post term project proposal

1. Browse to <http://beta.hydroshare.org>. Create an account for yourself by entering your name, email and desired password, completing the CAPTCHA and clicking "Sign up & start collaborating".



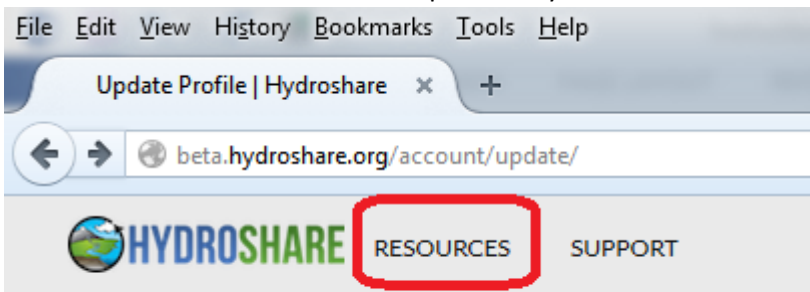
The image shows a screenshot of a web browser displaying the HydroShare sign-up page. The browser's address bar shows the URL beta.hydroshare.org. The page features the HydroShare logo on the left, which includes a circular icon with a globe and a water drop, and the word "HYDROSHARE" in large blue and green letters. To the right of the logo is a registration form with the following fields: a name field containing "David", a username field containing "Tarboton", an email field containing "dtarb@email.unc.edu", a first name field containing "dtarbunc", two password fields (both masked with dots), and a CAPTCHA field containing the number "3701". Below the CAPTCHA field is a green button labeled "Sign up & start collaborating." The browser's menu bar includes "File", "Edit", "View", "History", "Bookmarks", "Tools", and "Help". The browser's address bar also shows "Home | Hydroshare" and a search bar with "Google".

2. Look in your email for an email from hydroshare@hydroshare.org and click on the verify link in it.



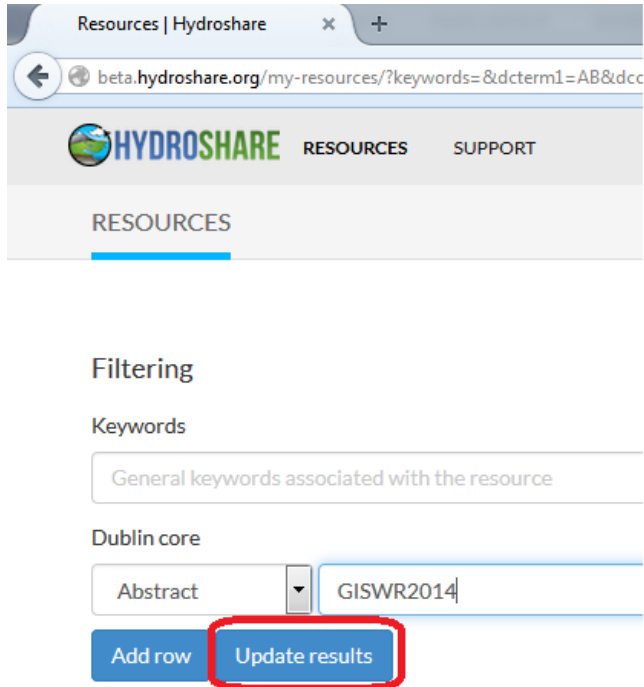
You should be taken to the HydroShare Log In screen where you may log in with the username and password you entered at the previous screen. You should then be taken to the Update Profile screen where you have the opportunity to change your password or add additional information about yourself (e.g. a photo). Adding information here is optional.

3. Click on the Resources link at the top of the HydroShare website.



Profile updated

This should take you to a Resources listing. This is a listing of all resources which you have access to and may get quite long. You can filter these clicking on the links "Owned by me", "Editable by me" or "Viewable by me". Initially owned and editable should return 0. You can also Filter using the Filtering functionality at the top. Under Dublin core select "Abstract" (the default) and type "GISWR2014" using uppercase exactly as indicated. Click Update results.



You should see a list that initially includes only the resource that I have created. As other students create their resources you should see them listed too.

Owned by me

Editable by me

Viewable by me

+ Create new

Title ^	Type	Owner	Last modified
GIS in Water Resources Term Project 2014	Generic Hydroshare Resource	David Tarboton	Sept. 24, 2014, 10:04 p.m.

⏪ ⏩ Results 0-1 of 1 ⏪ ⏩

Note that the filtering functionality here is not working properly and requires the entire abstract to match the search term. We are working around this by just having the keyword "GISWR2014" in the abstract.

4. Prepare your term project proposal in a file named "Proposal.pdf". Use first letter upper case and the rest lower case the name. This should specify the objective of your project and outline how you plan to go about executing it. When you are ready to post this go to the Resources tab in <http://beta.hydroshare.org> and click the button "Create new".

File Edit View History Bookmarks Tools Help

Update Profile | Hydroshare x +

beta.hydroshare.org/account/update/

HYDROSHARE RESOURCES SUPPORT

Profile updated

Owned by me

Editable by me

Viewable by me

+ Create new

Title ^	Type
GIS in Water Resources Term Project 2014	Generic Hydroshare Re

Results 0-1 of 1

Set the resource type "Generic Resource". This is the only option at present. Browse to the file "Proposal.pdf" on your computer. Name the Resource "GIS in Water Resources Term Project 2014". Leave the Creators and Contributors to be your name and under abstract type "GISWR2014" exactly with no spaces. This is not really an abstract, but is a workaround of the improperly working filter functionality that facilitates selection of just resources for this class. The real abstract can be included in the body of your project. Click Create Resource.

Add your files here:

Describe your Resource with metadata:

Use this form to create metadata for your Resource. Be as descriptive as you can since all of this information will show up when your Resource is displayed. You can edit this information later.

Add your metadata here:

Resource Type	Generic Resource
Title	GIS in Water Resources Term Project 2014
Creators	David Tarboton
Contributors	David Tarboton
Abstract	GISWR2014
Subject Keywords	Keywords
Create Resource	

You should be taken to the Resource Details page. Verify that under Abstract there is the term "GISWR2014" and that under content there is the file "Proposal.pdf". These need to be exactly like this. I will use these to locate your Proposal.



Resource Details

Share

Delete

Resource Type	Generic Hydroshare Resource
Owner	David Tarboton
Added on	Sept. 24, 2014
Last updated by	David Tarboton
Updated on	Sept. 24, 2014
Keywords	
Size	187.2 KB
Permalink	http://beta.hydroshare.org/r/f60b6510ec2240df9674d4c99d8699c8/

Resource Description

Abstract

GISWR2014

References

No citations listed

Add reference

Other Metadata

Contributor	David Tarboton
Creator	David Tarboton
Date Created	2014-09-24T23:47:52.325022+00:00
Date	2014-09-24T23:47:52.325007+00:00
Title	GIS in Water Resources Term Project 2014

Add metadata term

Content

Proposal.pdf	Download (190.5 KB)	Delete
	Export all	Add file

Do not click the "Make Private" button. By default all resources in HydroShare are public. This means they can be read by anyone - so do not write anything there that you may regret later. Resources can be made private, but your term project should not be made private or else I and other students will not be able to read it.

Congratulations, you have just created your first HydroShare Resource. You are done for now.

If you loaded the incorrect file, you can delete it and upload it again. I will use the permalink in your resource to create a link from the class page to the files in your resource, so please do not delete the entire resource once I have done this (a few days after you first create the resource). You may delete and re-add files as you like, just do not delete the entire resource.

Permalink <http://beta.hydroshare.org/r/f60b6510ec2240df9674d4c99d8699c8/>

5. When it is time to prepare your two page term project progress report write it in a file named "InterimProgressReport.pdf". Use case exactly as indicated. Locate your term project resource in HydroShare and click "Add File".

Resource Description

Abstract

GISWR2014

References

No citations listed

Add reference

Other Metadata

Contributor	David Tarboton
Creator	David Tarboton
Date Created	2014-09-24T23:47:52.325022+00:00
Date	2014-09-24T23:47:52.325007+00:00
Title	GIS in Water Resources Term Project 2014

Add metadata term

Content

Proposal.pdf	Download (190.5 KB)	Delete
	Export all ▾	Add file

Browse to select the file "InterimProgressReport.pdf" and click Save Changes. You should now see the Proposal.pdf and InterimProgressReport.pdf files in your Resource.

Content

Proposal.pdf	Download (190.5 KB)	Delete
InterimProgressReport.pdf	Download (192.2 KB)	Delete
	Export all ▾	Add file

- By the time your term project presentation is scheduled prepare it in a PowerPoint file named "Presentation.pptx" and save it in Hydroshare the same way.

7. By December 5 prepare your term project in a PDF file named "TermProject.pdf" and save it in HydroShare the same way.

By the end of the semester your Resource should have the following files.

Content

Proposal.pdf	Download (190.5 KB)	Delete
InterimProgressReport.pdf	Download (192.4 KB)	Delete
Presentation.pptx	Download (42.9 KB)	Delete
Termproject.pdf	Download (194.4 KB)	Delete
Export all ▾		Add file

Note that it is important to use the file names indicated because we will use a URL such as http://beta.hydroshare.org/django_irods/download/?path=f60b6510ec2240df9674d4c99d8699c8/Proposal.pdf to link from the class page to the file that is part of your HydroShare term project resource. The string of random letters (known as a GUID - globally unique identifier) will be assigned to your resource when you first create it.

Resource Details

Share Delete

Resource Type	Generic Hydroshare Resource
Owner	David Tarboton
Added on	Sept. 24, 2014
Last updated by	David Tarboton
Updated on	Sept. 24, 2014
Keywords	GISWR2014
Size	187.3 KB
Permalink	http://beta.hydroshare.org/r/7aa9f5f029894b97978f8702ea13e40c/

Resource Description

Abstract

This resource is an example that provides guidance for the posting of GIS in Water Resources term projects on HydroShare.

References

No citations listed

Add reference

Other Metadata

Contributor	David Tarboton
Creator	David Tarboton
Date Created	2014-09-24T21:28:39.697251+00:00
Date	2014-09-24T21:28:39.697236+00:00
Title	GIS in Water Resources Term Project 2014

Add metadata term

Content

Proposal.pdf	Download (190.5 KB)	Delete
Export all		Add file