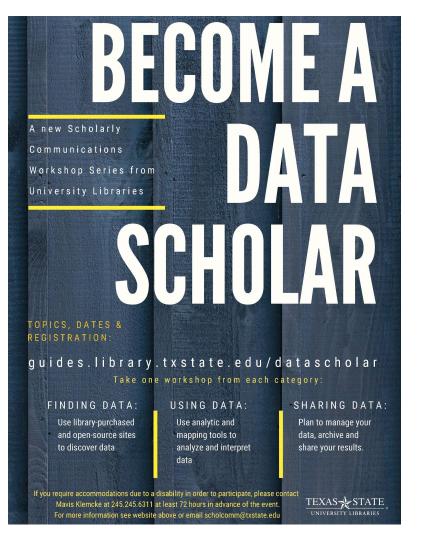
Depositing Research Data in the TXST Dataverse Repository

Laura Waugh October 15, 2019

#datascholar | #scholcomm | @alkeklibrary







Upcoming Workshops

Using Data

 Introduction to Text Data Mining with HathiTrust

October 24, 2019

Sharing/Archiving Data

 GIS: Share Your Research with ArcGIS StoryMaps

November 7, 2019

Finding Data

Finding Government Statistics
 November 14, 2019

https://guides.library.txstate.edu/datascholar

#datascholar

#scholcomm

@alkeklibrary

Overview

- About Dataverse
- Getting started
- Create a collection (dataverse)
- Choose a metadata scheme
- Control user permissions
- Deposit a dataset
- Version controls
- Create a template for multiple datasets

Slides and Handout: https://digital.library.txstate.edu/handle/10877/8666



The **Texas Data Repository** (TDR) is a platform for **publishing**, **archiving**, and **sharing** datasets (and other data products) created by faculty, staff, and students at Texas higher education institutions.

The repository is built in an open-source application called **Dataverse**, developed and used by Harvard University.





https://dataverse.org/



TXST Dataverse is our local instance of the TDR Dataverse and hosted by consortial membership in the Texas Digital Library (tdl.org)

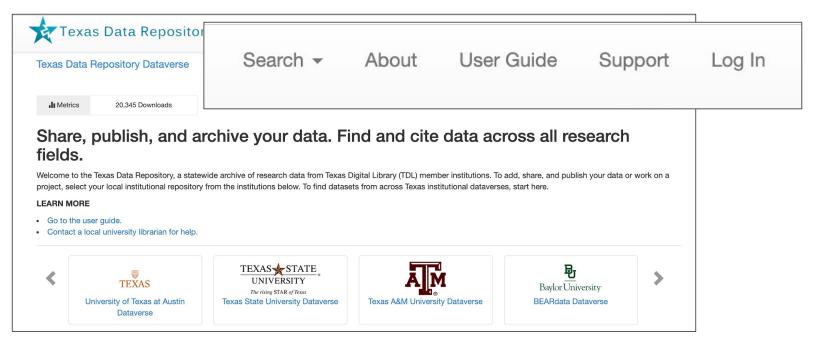




https://dataverse.tdl.org/dataverse/txstate



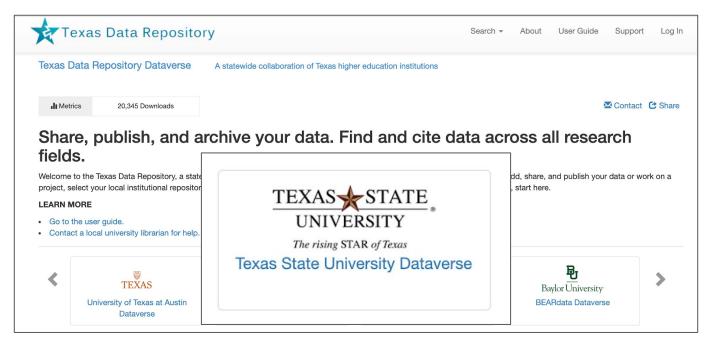
TXST Dataverse



https://dataverse.tdl.org/

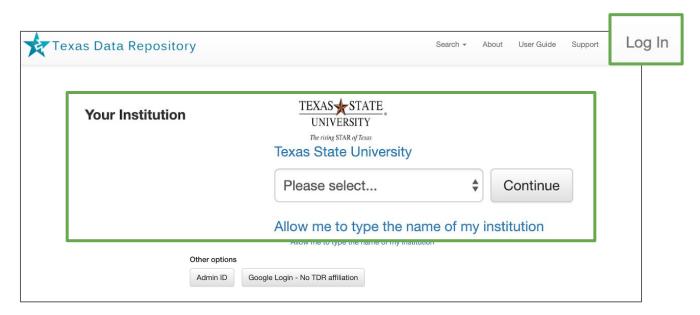


TXST Dataverse



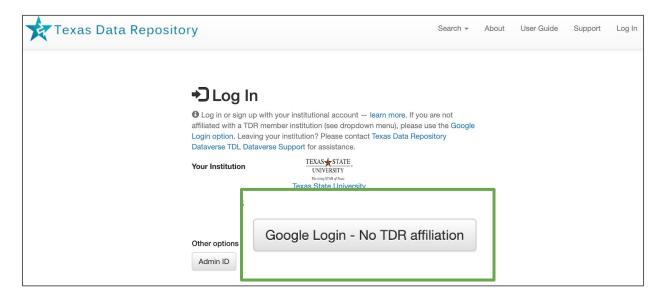
https://dataverse.tdl.org/

Login: TXST NetID and Password



https://dataverse.tdl.org/dataverse/txstate

Login: Google (collaborators)



https://dataverse.tdl.org/dataverse/txstate



TXST: By the Numbers

- 3 dataverses
- 47 datasets
- 1,871 files

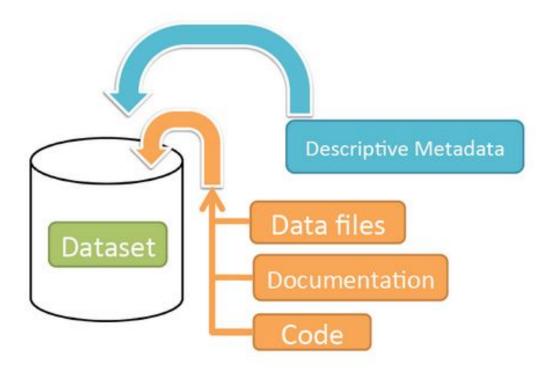
- Social Sciences (44)
- Medicine, Health and Life Sciences (37)
- Computer and Information Science (16)
- Mathematical Science (13)
- Physics (12)
- Engineering (3)



Frequently Asked Questions:

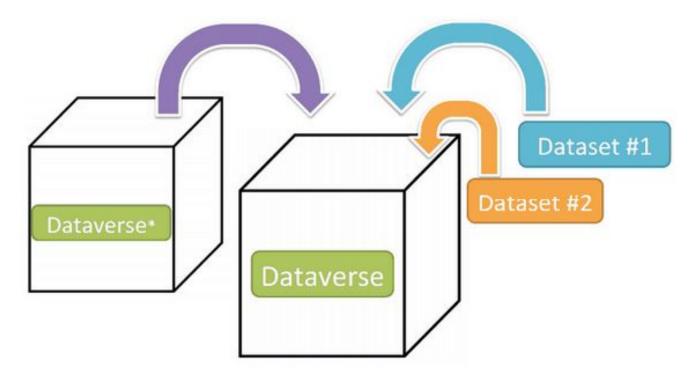
- Supports all disciplines and wide variety of data
 - Spreadsheets, GIS, sensor instruments, surveys, audio/video, etc.
 - No confidential or sensitive information
- Files up to 4GB and Datasets up to 10GB
 - Larger data? Contact us: <u>digitalcollections@txstate.edu</u>
- Default Creative Commons CC0 (Public Domain)
 - https://creativecommons.org/share-your-work/public-domain/cc0/
- Consider non-proprietary formats (CSV, XML, .txt, etc.)
 - Ensure reuse by fellow researchers

Schematic Diagram of a Dataset in Dataverse 4.0



Container for your data, documentation, and code.

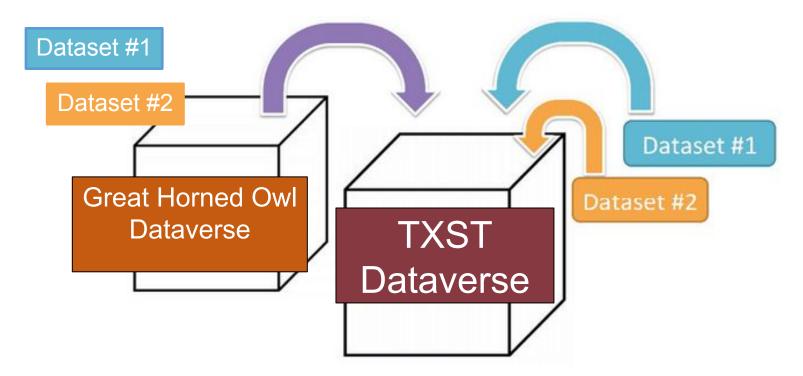
Schematic Diagram of a Dataverse in Dataverse 4.0



Container for your Datasets and/or Dataverses*

^{*} Dataverses can now contain other Dataverses (this replaces Collections & Subnetworks)

Schematic Diagram of a Dataverse in Dataverse 4.0



Container for your Datasets and/or Dataverses*

^{*} Dataverses can now contain other Dataverses (this replaces Collections & Subnetworks)



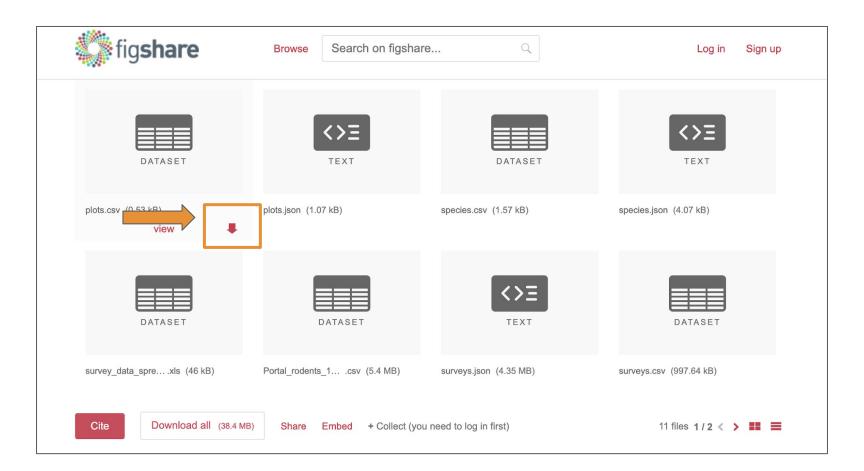
Getting Started

Getting Started



Today's Workshop:

- Download a sample dataset file
- https://bit.ly/2sSOPeW
 - Select 1-2 files
 - Save to desktop



https://bit.ly/2sSOPeW

Getting Started



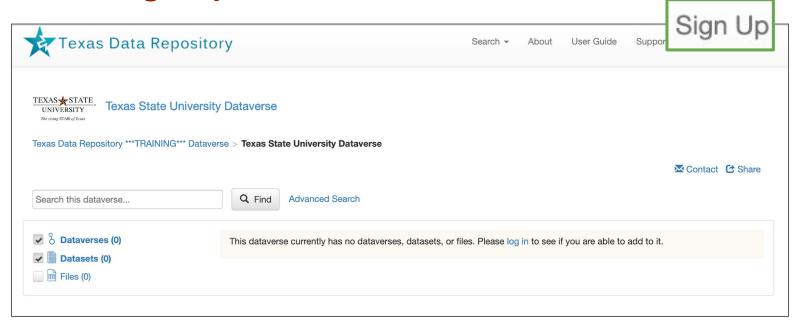
Today's Workshop:

- Go to Training Dataverse
- https://dataverse-training.tdl.org/
 - Click "Sign up"
 - Create an account





Click "Sign Up" to Create an Account

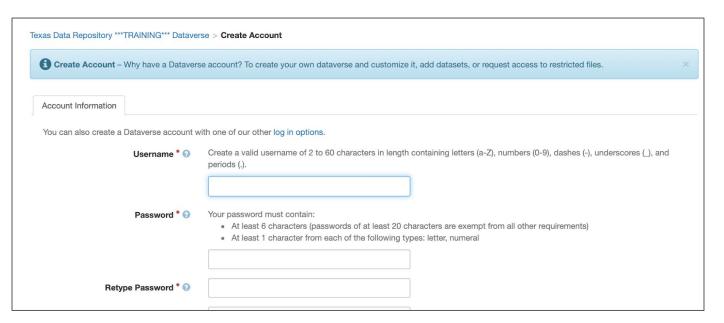


https://dataverse-training.tdl.org/

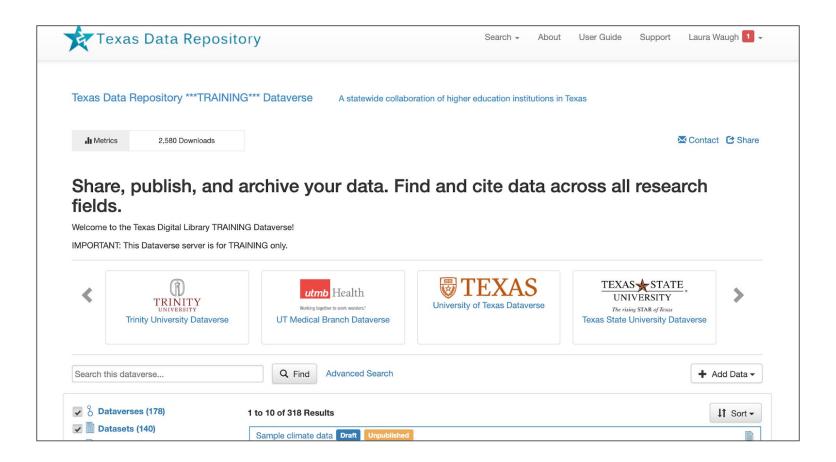




Create a Username and Password (Training)



https://dataverse-training.tdl.org/



https://dataverse-training.tdl.org/

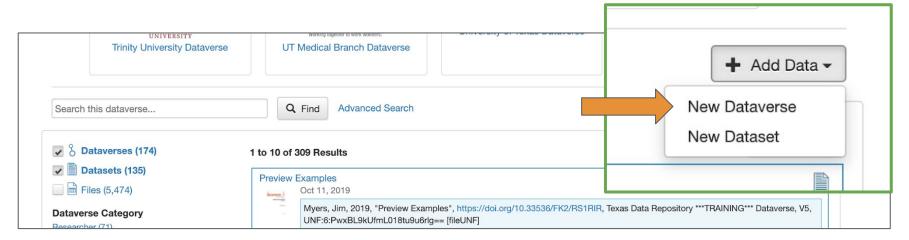


Create a Collection (dataverse)



Create a Collection (dataverse)

Click "+ Add Data"
Select "New Dataverse"

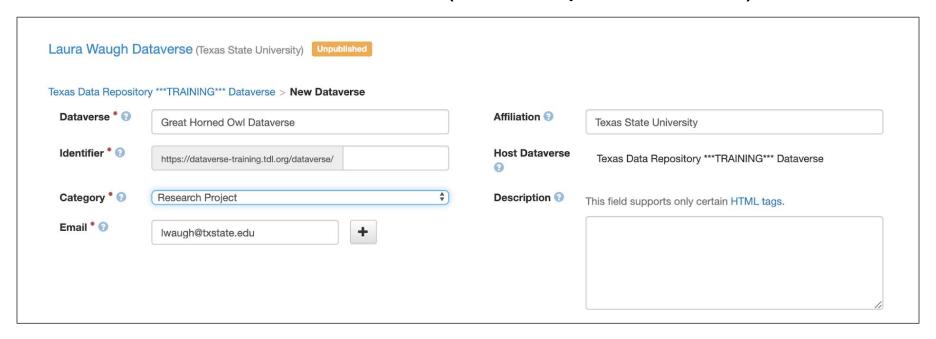


https://dataverse-training.tdl.org/





Enter basic information (*Note required fields**)



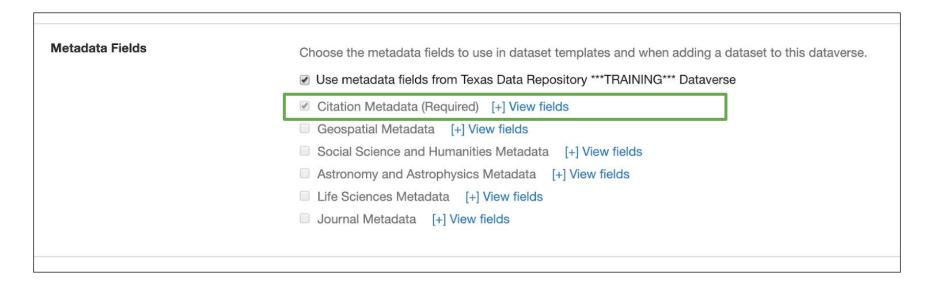


Choose a Metadata Scheme





Citation Metadata (Required)



Metadata Dictionary in "User Guide"

Choose a Metadata Scheme



Citation Metadata (Required)

- Title
- Name (first & last / organization)
- Affiliation
- Email (not displayed to users)
- Description (summary)
- Subject (Domain-specific)
- Production Date
- Production Place
- Kind of Data (e.g., Survey data, Observation data, Coded textual, etc.)





Metadata Dictionary in "User Guide"



https://bit.ly/20Er098





Metadata Dictionary in "User Guide"

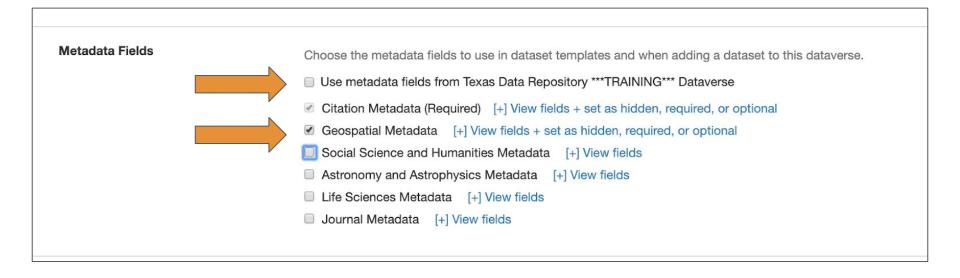
*	Geospatial Metadata										
Q	 User Guide 	Geospatial Metadata									
+	Getting Started Creating a Dat	Field	Definition	Formatting		Mandatory/Optional	Viewable During Upload				
	 Uploading and 	Country / Nation	The country or nation that the Dataset is about.		0	N					
	Managing Your	State /	The state or province that the	Use GeoNames for correct spelling and	0	N					
	 Accessing and 	Province	Dataset is about.	avoid abbreviations.							
	Metadata Dicti	City	The name of the city that the Dataset is about.	Use GeoNames for correct spelling and avoid abbreviations.	0	N					

https://bit.ly/20Er098





Uncheck "Use metadata fields from TDR **Training** Dataverse"
Check Subject-specific Metadata







Click [+] View fields + set as hidden, required, optional

Metadata Fields	Choose the metadata fields to use in dataset templates and when adding a dataset to this dataverse.
	■ Use metadata fields from Texas Data Repository ***TRAINING*** Dataverse
	Citation Metadata (Required) [+] View fields + set as hidden, required, or optional
	Social Science and Humanities Metadata [+] View fields
	 Astronomy and Astrophysics Metadata [+] View fields
	☐ Life Sciences Metadata [+] View fields
	☐ Journal Metadata [+] View fields

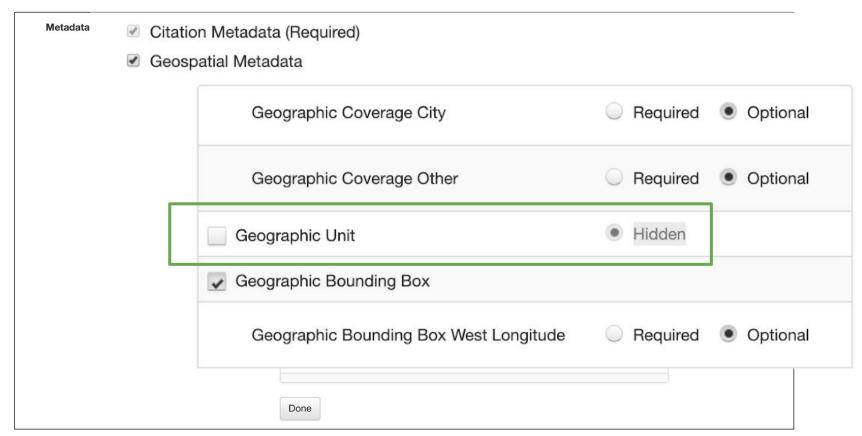




Metadata Fields	Choose t	✓ Geographic Coverage		
	Use m✓ Citatio✓ Geosg	Geographic Coverage Country / Nation	Required	Optional
	e deus,	Geographic Coverage State / Province	Required	Optional
	'	Geographic Coverage City	Required	Optional
		Geographic Coverage Other	Required	Optional
		Geographic Unit	Required	Optional
		✓ Geographic Bounding Box		
		Geographic Bounding Box West Longitude	Required	Optional
		Done		

Choose a Metadata Scheme



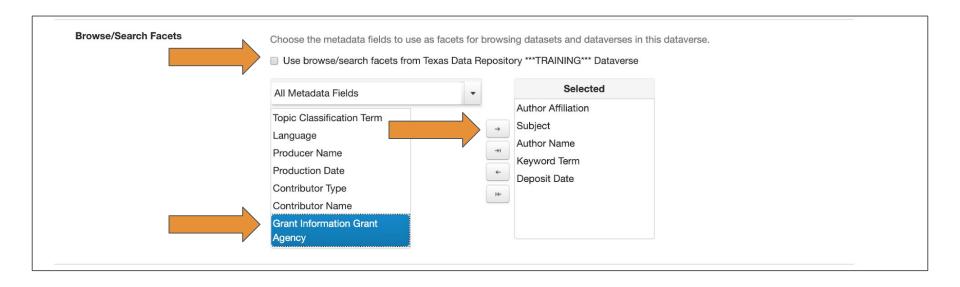






Uncheck "Use browse/search facets from TDR **Training**Dataverse"

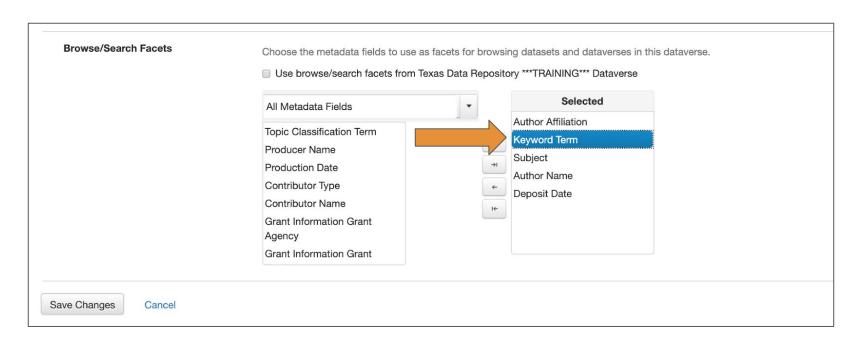
Select "Browse/Search" facets to add and move to reorder in list





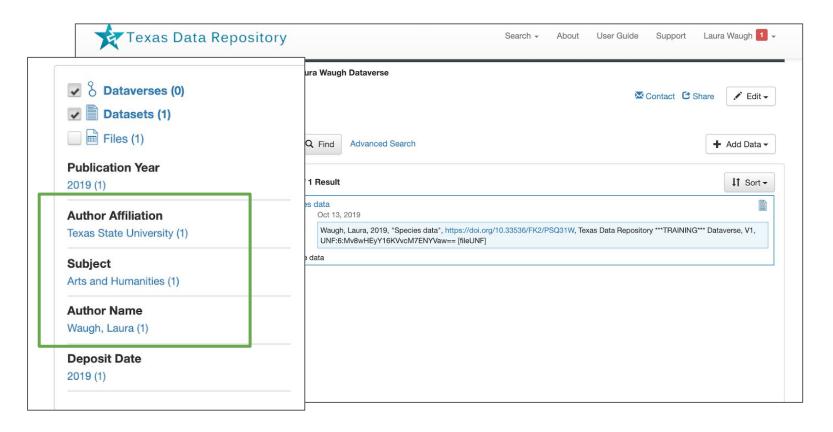


Change Order Selected "Browse/Search" facets





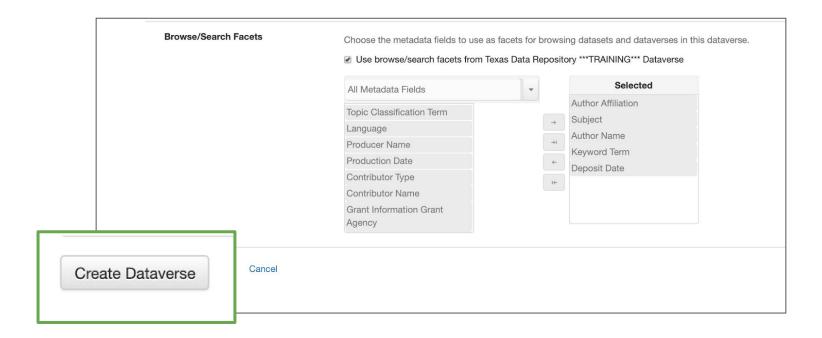








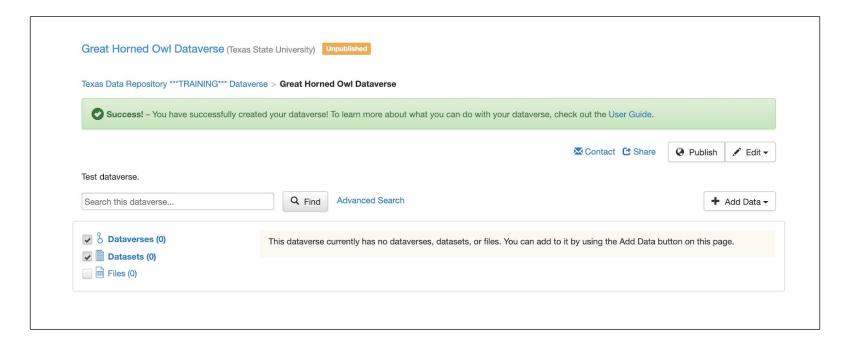
Click Create Dataverse



Success!



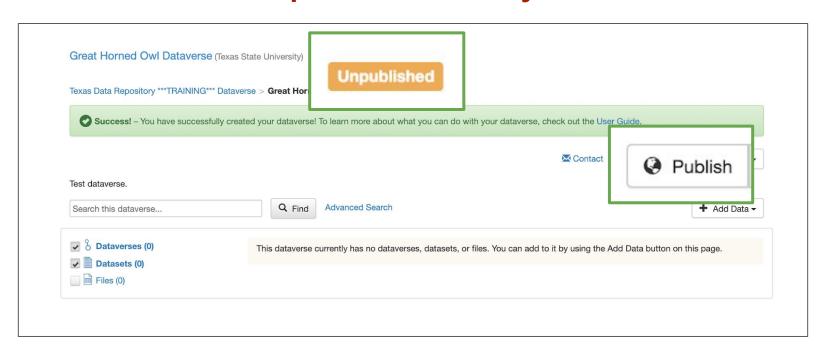
You've Created a Dataverse







Note: Remains "Unpublished" until you click "Publish"





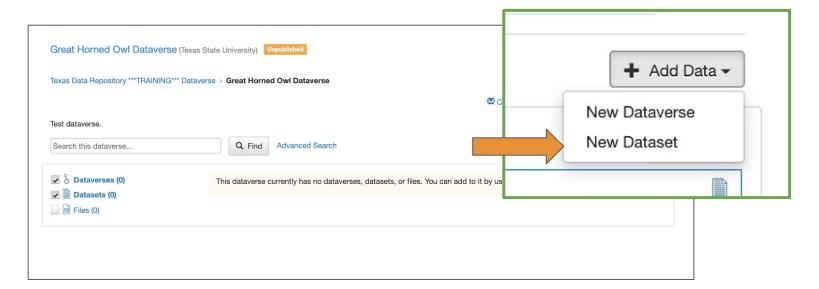
Deposit a Dataset

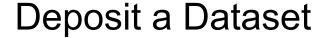




Within your Dataverse

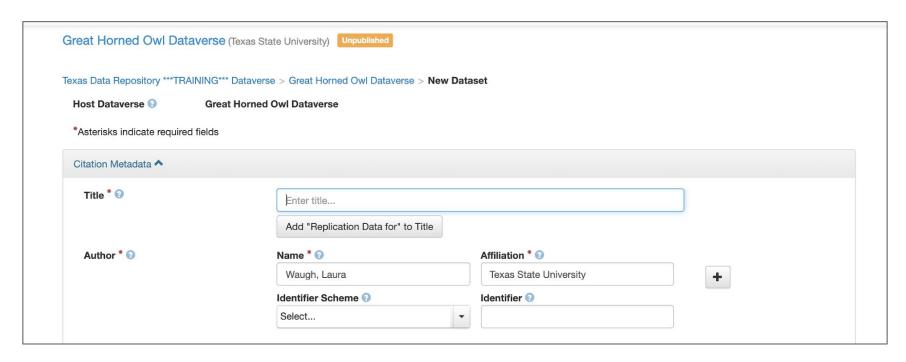
- Click "+ Add Data"
- Select "New Dataset"

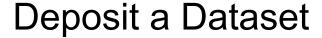






Describe the Dataset







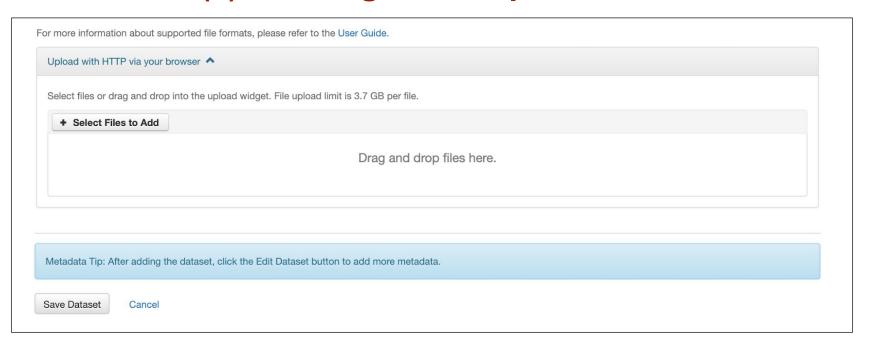
Added Metadata will be Included

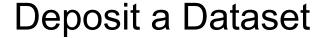


Deposit a Dataset



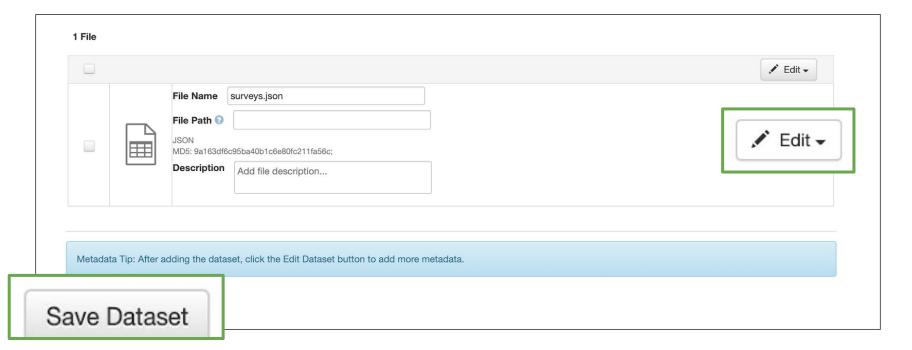
Select File(s) / or Drag and Drop







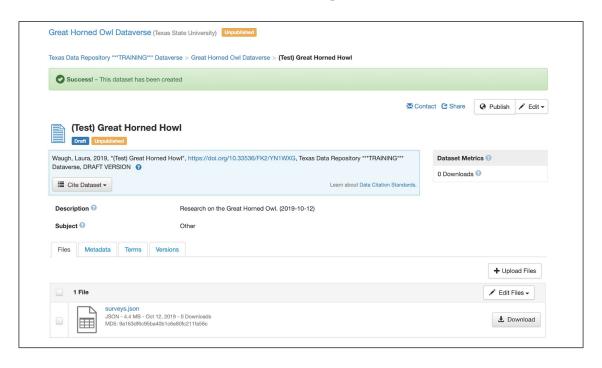
Edit or Click to "Save Dataset"



Success!



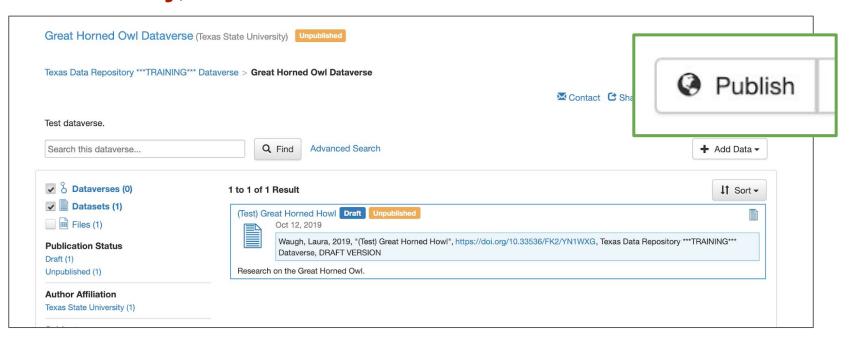
You've Uploaded a Dataset to your Dataverse







Once ready, Click "Publish"





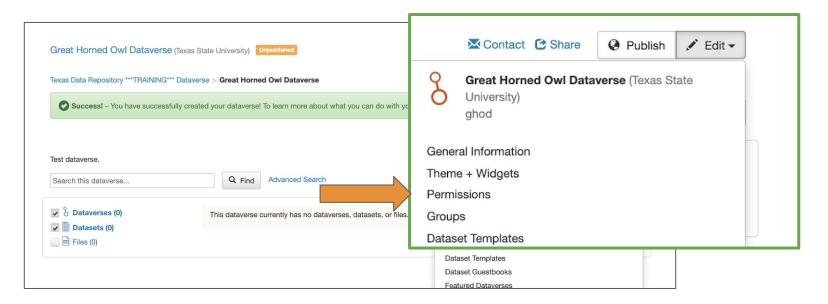
Control User Permissions





Dataverse-Level Permissions

Click "Edit" and "Permissions"

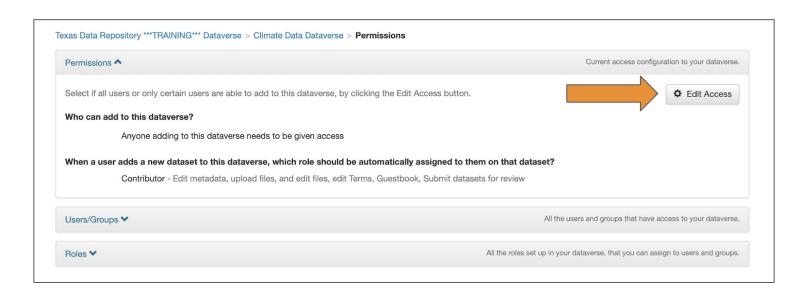






Select Permissions (Your Dataverse)

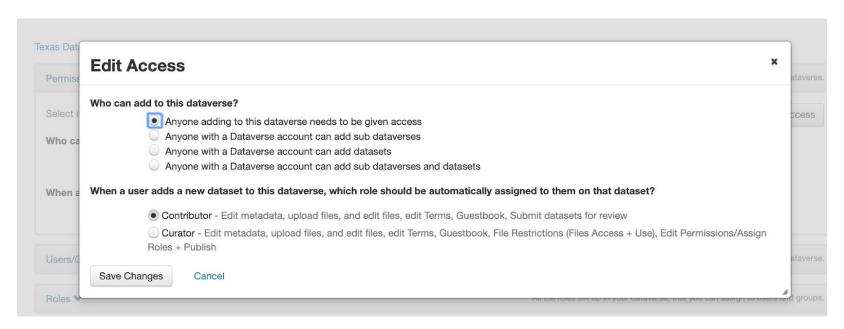
Click "Edit Access"







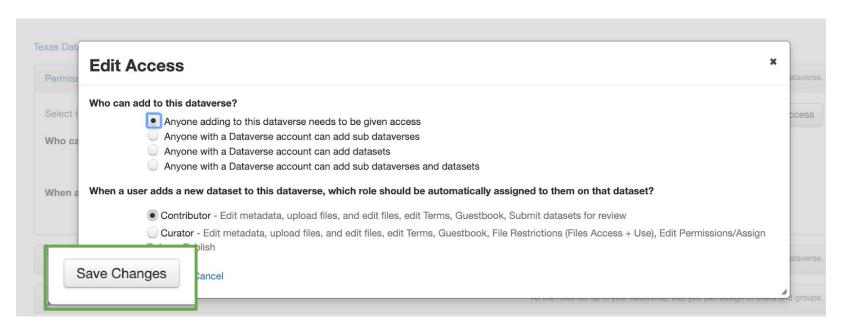
Select Permissions for Editing/Adding (Your Dataverse)







Save Changes (Your Dataverse)

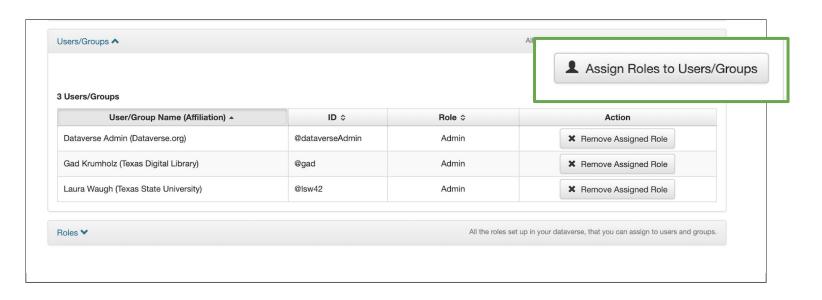






Select Users/Groups (Your Dataverse)

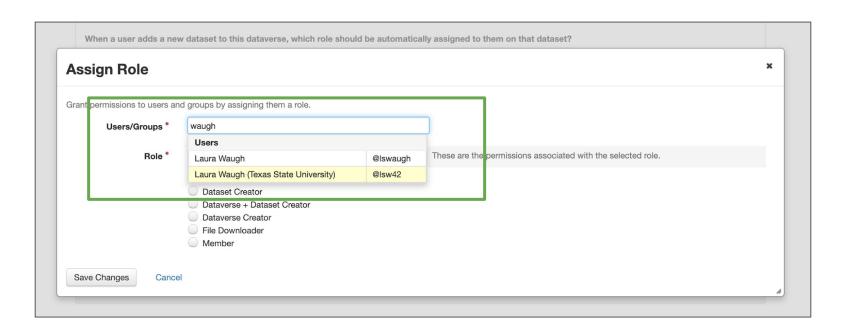
Click "Assign Roles to Users/Groups"





Control User Permissions

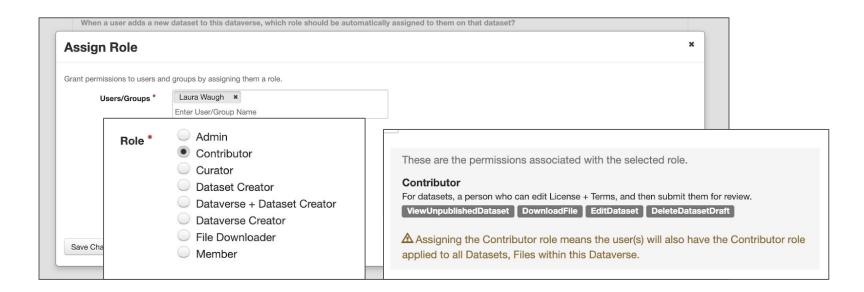
Select a "Users/Group" (Your Dataverse)







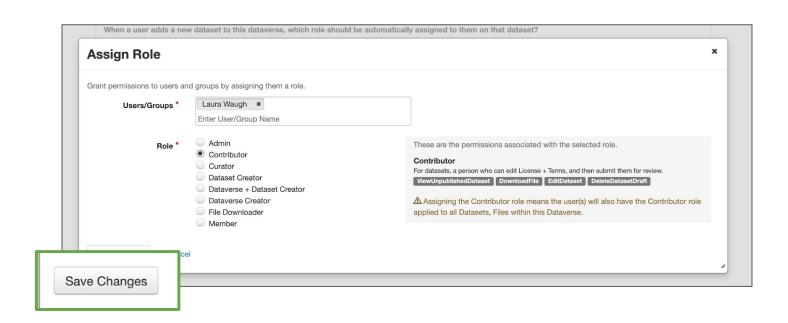
Select "Role" (Your Dataverse)







Save Changes (Your Dataverse)

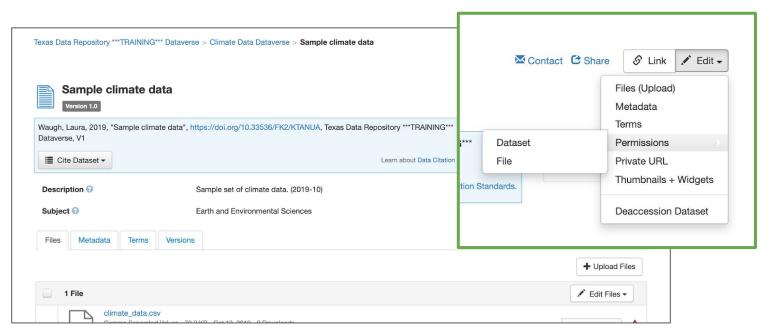






Dataset-Level Permissions

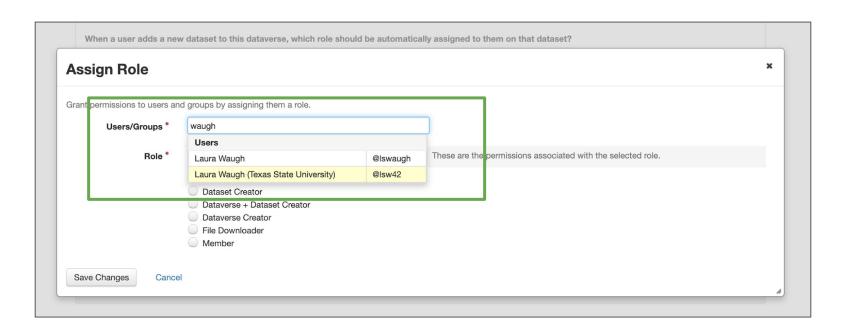
Click "Edit" / "Permissions" / "Dataset"







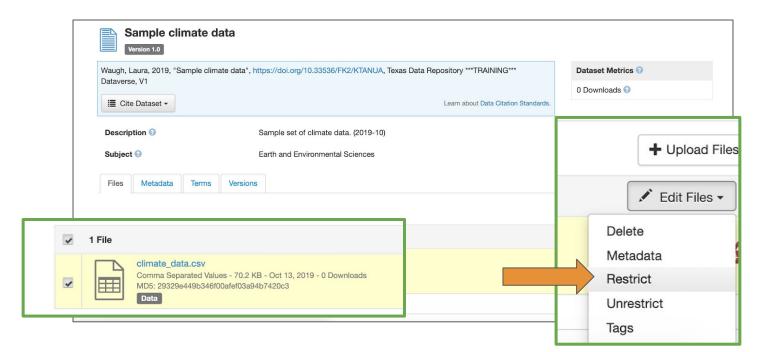
Select a "Users/Group" (Dataset)







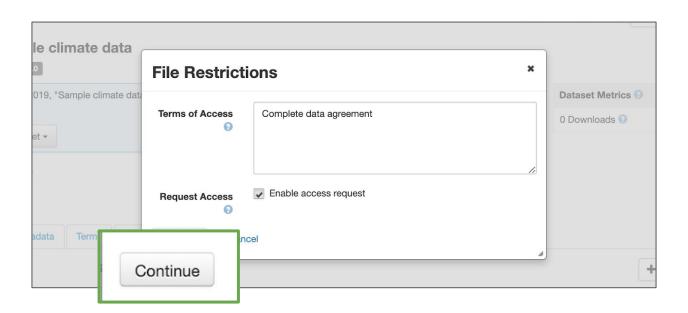
- Select File(s)
- Click "Restrict"







- Enter "Terms of Access"
- Click "Enable access request" (email notification)







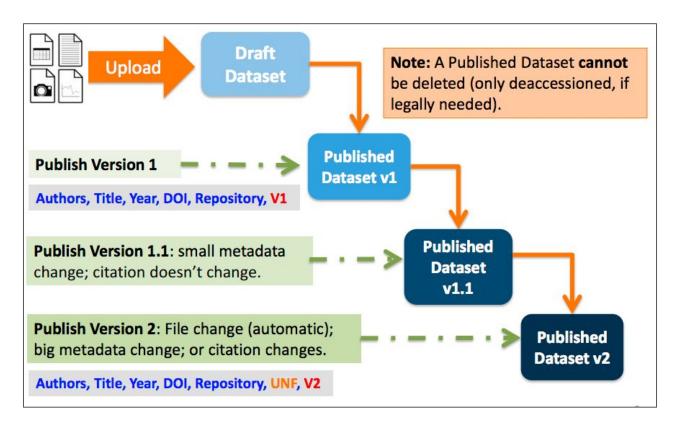
Dataset Minor Versions

- Usually a small metadata change
- Citation stays the same
 - Example: 1.1, 2.1, 2.2

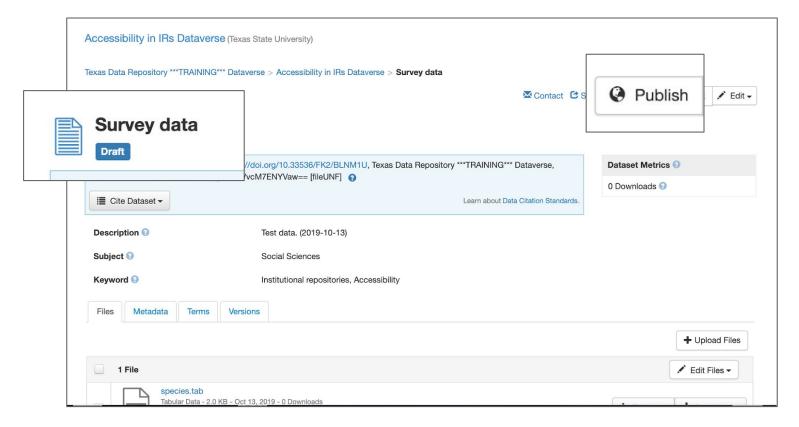
Dataset Major Versions

- A substantial metadata change or a data file change
- It changes data citation
 - Example: 2, 3, 4



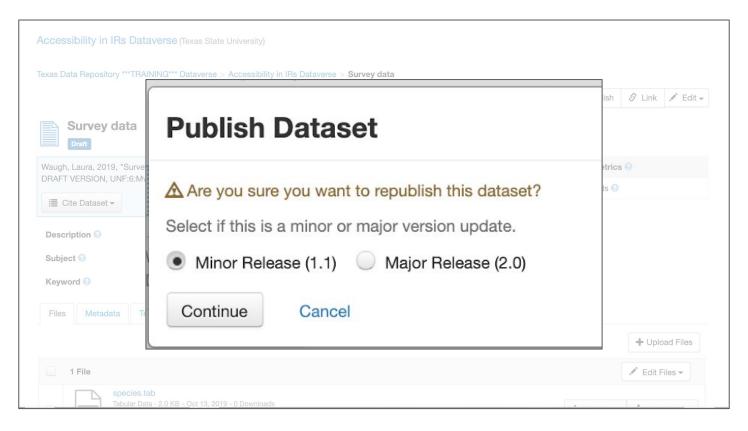




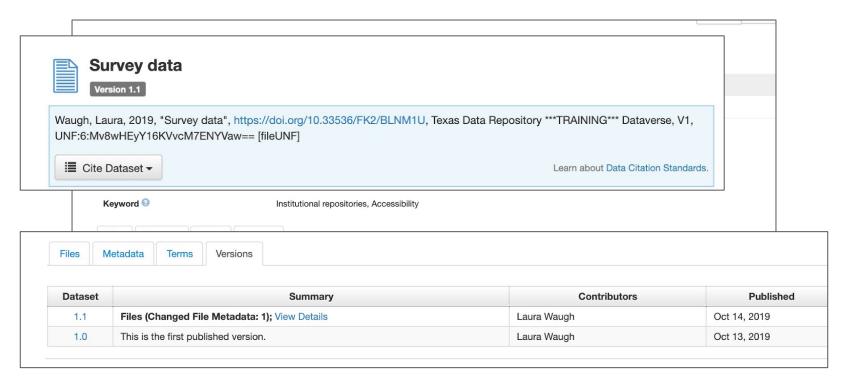














Create a Template for Multiple Datasets





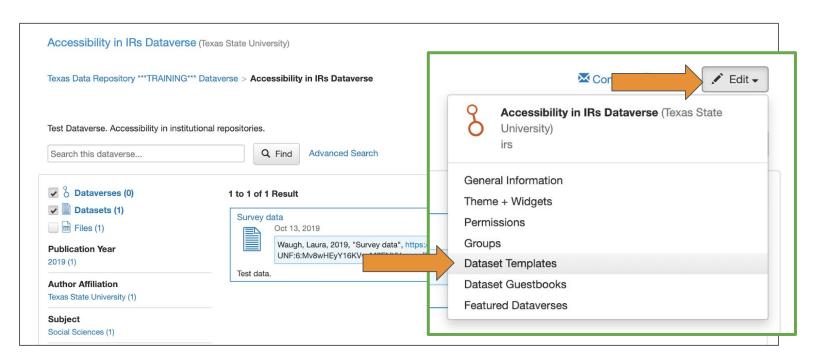
Useful for multiple similar datasets

- Navigate back to your Dataverse
- Click "Edit"
- Select "Dataset Templates"
- Create a "Title" for the Template
- Enter information that will be the same for all





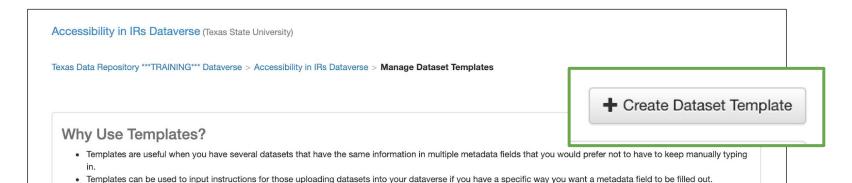
Click "Edit" and **Select** "Dataset Templates"



Create a Template



Click "Create Dataset Template"



How To Use Templates

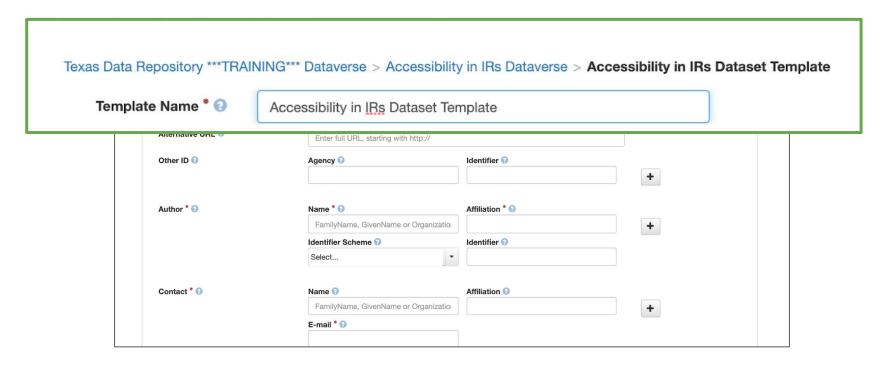
- Templates are created at the dataverse level, can be deleted (so it does not show for future datasets), set to default (not required), and can be copied so you do not have to start over when creating a new template with similar metadata from another template. When a template is deleted, it does not impact the datasets that have used the template already.
- Please note that the ability to choose which metadata fields are hidden, required, or optional is done on the General Information page for this dataverse.

To get started, click on the Create Dataset Template button above. To learn more about templates, visit the Dataset Templates section of the User Guide.





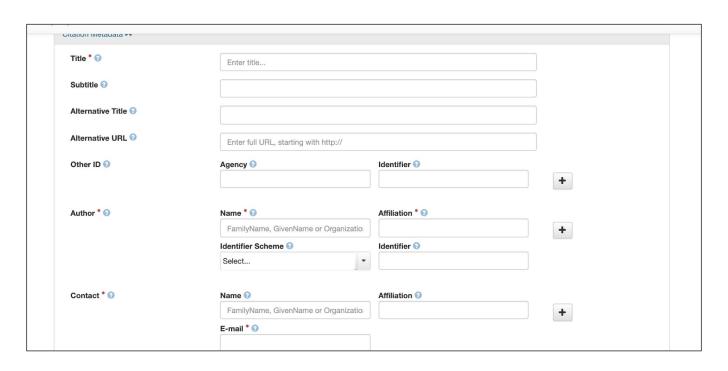
Create a "Title" for the Template







Enter information that is the same for a series of datasets



Additional Resources



- YouTube video tutorials
 - https://bit.ly/2MBrwlV
- TXST Dataverse Subject Guide
 - https://guides.library.txstate.edu/datarepository
- TXST Dataverse
 - https://dataverse.tdl.org/dataverse/txstate
 - Link to the User Guide available
- Slides and handout: https://digital.library.txstate.edu/handle/10877/8666

Questions?

Laura Waugh lwaugh@txstate.edu