



OVERVIEW

The Delaware Geospatial Data Exchange is the first service created under the eGIS program sponsored by the Department of Technology and Information (DTI). The application facilitates the sharing of geospatial data across the State of Delaware. End-users of this application include state organizations, local governments, private parties doing business with the state, and members of the public who are well versed in the use of geospatial data.

Anyone can browse the list of public datasets in the Data Exchange anonymously or create an account through the State of Delaware Identity Access Management (IAM) Self Registration system (<https://selfregistration.delaware.gov/iamselfreg/SelfRegLogin.jsp>) in order to download public datasets. Any end-user who needs to access non-public datasets or upload data must submit a request to [DTI GIS@state.de.us](mailto:DTI_GIS@state.de.us).

The application allows end-users to limit access to their datasets as needed. They can restrict access to their datasets or designate datasets as public, which makes them available to any anonymous or public end-user with download only privileges. Access is based on Group, i.e., agency, organization, or company name and is granted by the application administrator once requests have been received.

LOGIN INSTRUCTIONS

To gain access to the application:

1. Go to <https://dataexchange.gis.delaware.gov> and select “**Create an Account**”. You will be taken to the IAM Self Registration Login page <https://selfregistration.delaware.gov/iamselfreg/SelfRegLogin.jsp>
2. On the self IAM Self Registration page, select “**Create a new IAM Account**”. Complete all required fields to create your account. **NOTE:** If you already have an IAM account, login with that account to subscribe to the GIS Service.
3. Login to IAM Self Registration with your credentials and click on “**Subscribe to Services**” from the *Main Menu*.
4. Under GIS Application, click “**Subscribe to GIS Service**”. Then provide your Organization Name.
5. After successful subscription click on “**GIS Login**” to return to the Delaware Geospatial Data Exchange login page and enter your credentials to login.
6. Initially you will only have access to view and download public datasets. If you need additional permissions to upload or view non-public datasets, please send a request to [DTI GIS@state.de.us](mailto:DTI_GIS@state.de.us).

QUICK REFERENCE

Create Account & Register	Login Information	Help
<ul style="list-style-type: none"> Go to IAM Self Registration: https://selfregistration.delaware.gov/iamselfreg/SelfRegLogin.jsp. Log in to IAM and subscribe to the GIS Service. 	<ul style="list-style-type: none"> Log in to the application: https://dataexchange.gis.delaware.gov To request access to non-public datasets or the ability to upload data, submit a request to DTI GIS@state.de.us 	<ul style="list-style-type: none"> User documentation can be found on the application home page https://dataexchange.gis.delaware.gov/dataexchange/help.pdf. Contact DTI GIS@state.de.us or (302)739-9611 for any other questions.



FAQ's

- What kind of information can I upload to the Data Exchange?
 - Any Geospatial data in Shapefile, Personal Geodatabase or Raster format. The application will also accept zip files containing only Metadata as long as all required fields are complete.
- How do I upload a dataset?
 - Create a zip file, including metadata, with an individual shapefile or personal geodatabase feature class.
- What format of Raster files can I upload to the Data Exchange?
 - The Data Exchange will accept the following raster formats: bmp, jpg, jpeg, jp2, sid, tif, tiff.
- My zip file contains multiple shapefiles and only one uploaded.
 - At this time, the Data Exchange can only upload one shapefile at a time.
- My personal geodatabase contains more than one feature class and I received an error message during the upload process or only one feature class was uploaded.
 - At this time the Data Exchange can only upload Personal Geodatabases with one feature class at a time. This allows for users to explicitly specify user permissions at a feature class level.
- I got an error message referring to metadata fields when I attempted a login.
 - Metadata is validated during the upload process against the Delaware standard for metadata. Refer to the User guide (<https://dataexchange.gis.delaware.gov/dataexchange/help.pdf>) for a list of fields that must be included. The general guideline is to complete all FGDC required fields plus a few additional required for Delaware.
- My file geodatabase will not upload.
 - At this time the Data Exchange can only process Shapefile, Personal Geodatabase, or Raster files.
- I cannot upload a dataset to my group.
 - Your user account may need to be added to your group, or your group needs to be created. Please contact DTI_GIS@state.de.us.
- I cannot delete a dataset.
 - Most users will only have access to delete datasets that they have uploaded. Only users with Data Owner access for the Group or the Application Administrator have access to delete datasets.
- My file is larger than 2Gb, can I upload it to the Data Exchange?
 - At this time the Data Exchange can only handle uploads smaller than 2Gb.
- My upload is taking a long time, is there a problem?
 - Some datasets, depending on size and the number of attributes, may take a long time to process. You will see a spinning wheel in the dataset list until the upload has completed (may take several hours in some cases).