Environmental Dataset Gateway
Search and Discover 101

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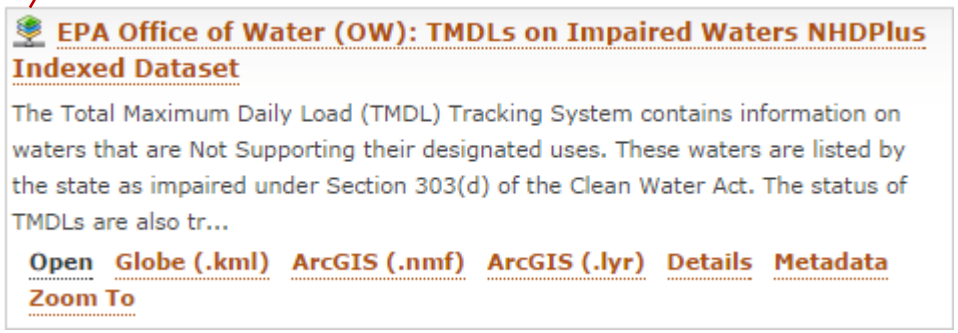
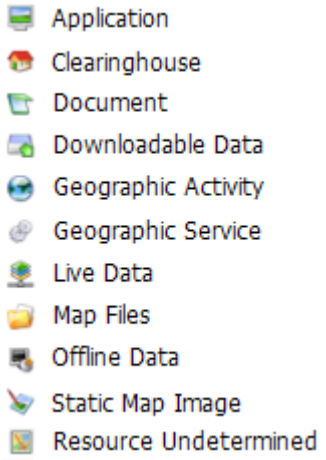
Search and Discover 101:
Search Results Explained

Search Results Explained: Evaluate Resources

- Result Icon



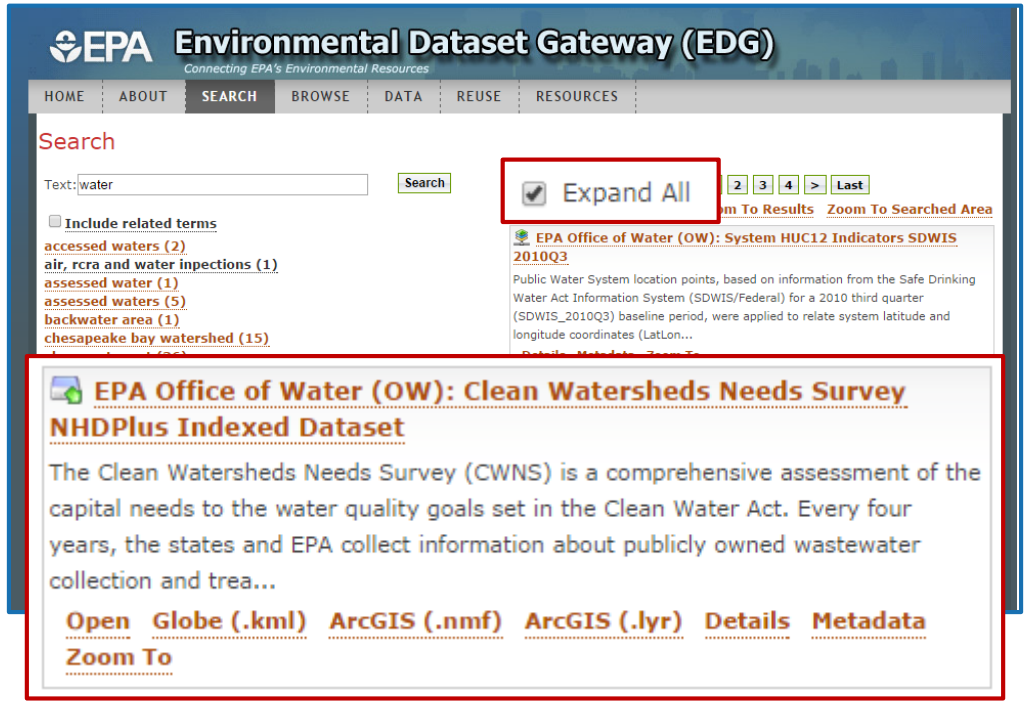


Result Icons

- Based on the content type defined in the resource's metadata
- *contentType* was created by ESRI and is not implemented by all metadata standards
- If *contentType* is not found in the resource's metadata. The EDG attempts to assign a content type value based on information within the record. If no information is found the resource is given "*Undetermined"* Category

Search and Discover 101:
Search Results Explained

Search Results Explained: Evaluate Resources Cont'd

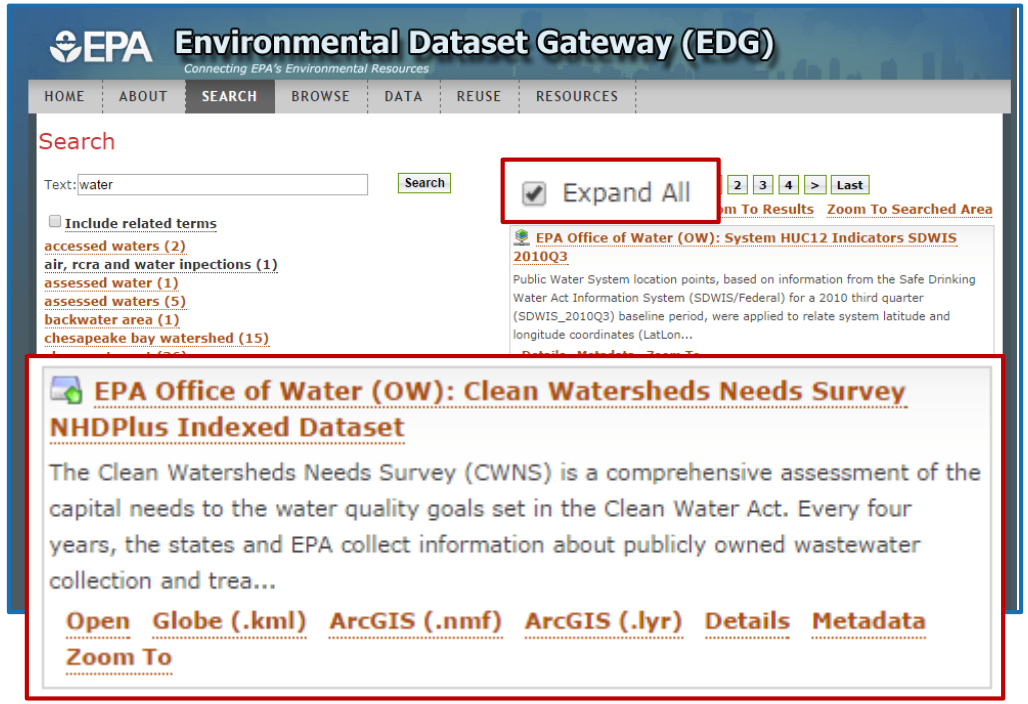


- *Expand All* after search results are returned, allows the user to see options for viewing information about the resource.
- Resource Evaluation Options are based on the "*Online Linkage*" information within the metadata record
- The links will not appear if there is no corresponding information within the resource's "*Online Linkage*" section of the metadata record
- The "*Online Linkage*" sequence within a metadata record is critical to the search link functions

Note: Detailed information on inputting "Online Linkage" into metadata can be found in the Generic Metadata Style Guide

Search and Discover 101:
Search Results Explained

Search Results Explained: Evaluate Resources Cont'd

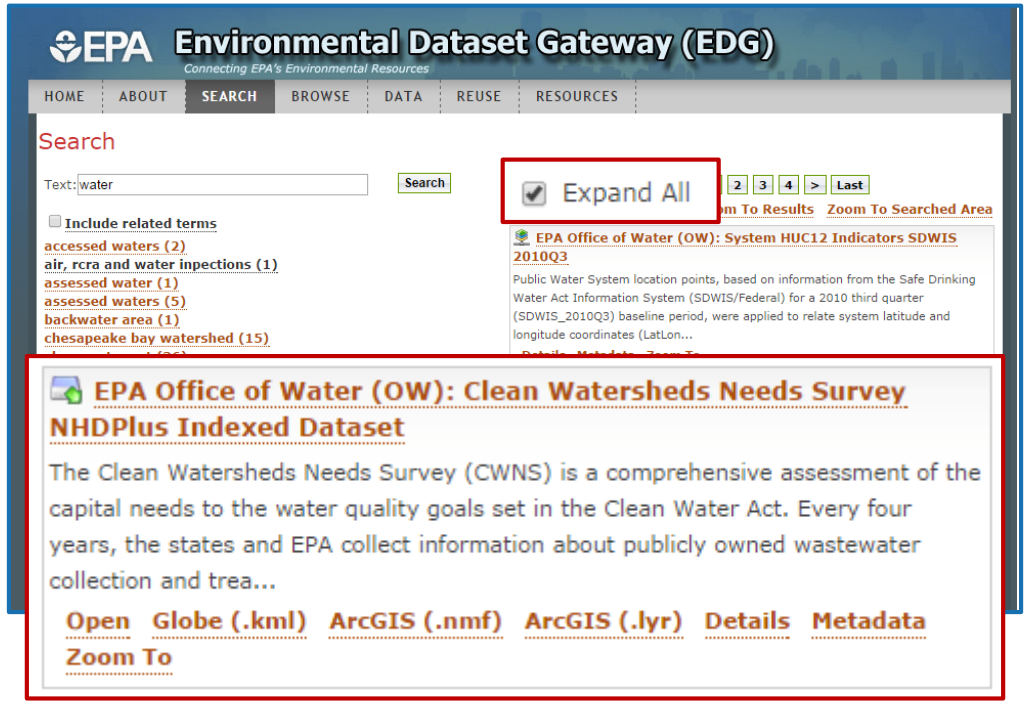


Search Result links used to Evaluate a Resource*:*

- **Open** – enables a user to access a resource's website or if the resource is downloadable, it can be a direct link to a .zip file
- **Website** – access to an additional website if one has been defined
- **Details** – displays basic information about the resource (title, publisher, geographic extent, and abstract)
- **Metadata** – opens the resource's metadata XML
- **Zoom To** – zooms to the spatial extent of the resource

Search and Discover 101:
Search Results Explained

Search Results Explained: Access Resources

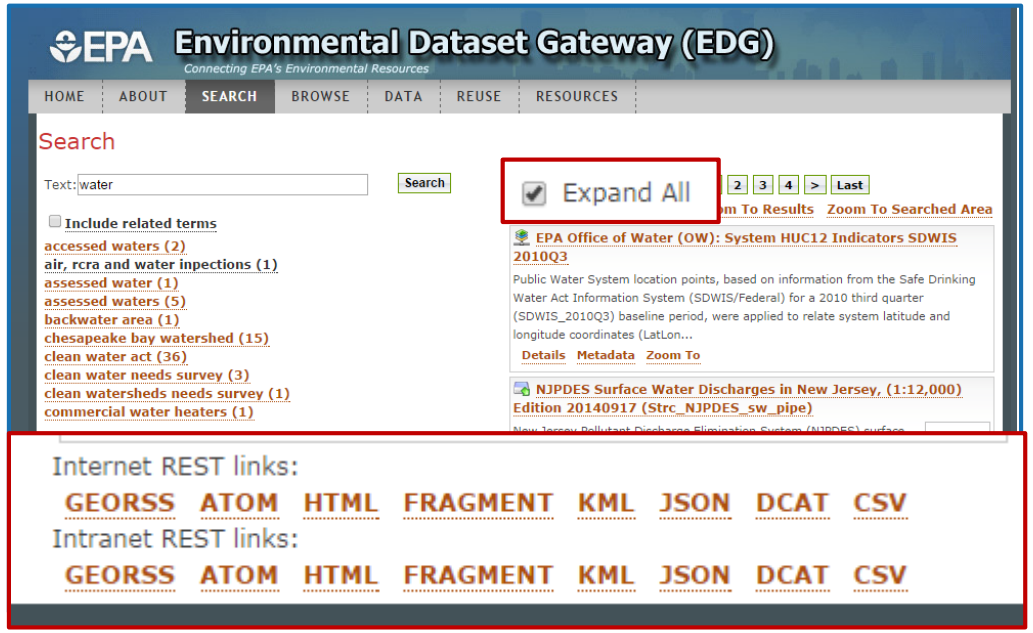


Search Result links used to Access a Resource*:*

- **Globe (.kml), ArcGIS (.nmf), ArcGIS (.lyr)** – appear when the resource is an ArcGIS Server service, and provide direct interaction with other client applications.
- **Globe (.kml) and ArcGIS (.nmf)** – launch the search result as a live service in whichever client application a user has associated with those extensions
- **ArcGIS (.lyr)** – launch the live service as a .lyr file, which is viewable in ArcGIS Desktop or ArcGIS

Search and Discover 101:
Search Results Explained

Search Results Explained: Access Resources Cont'd



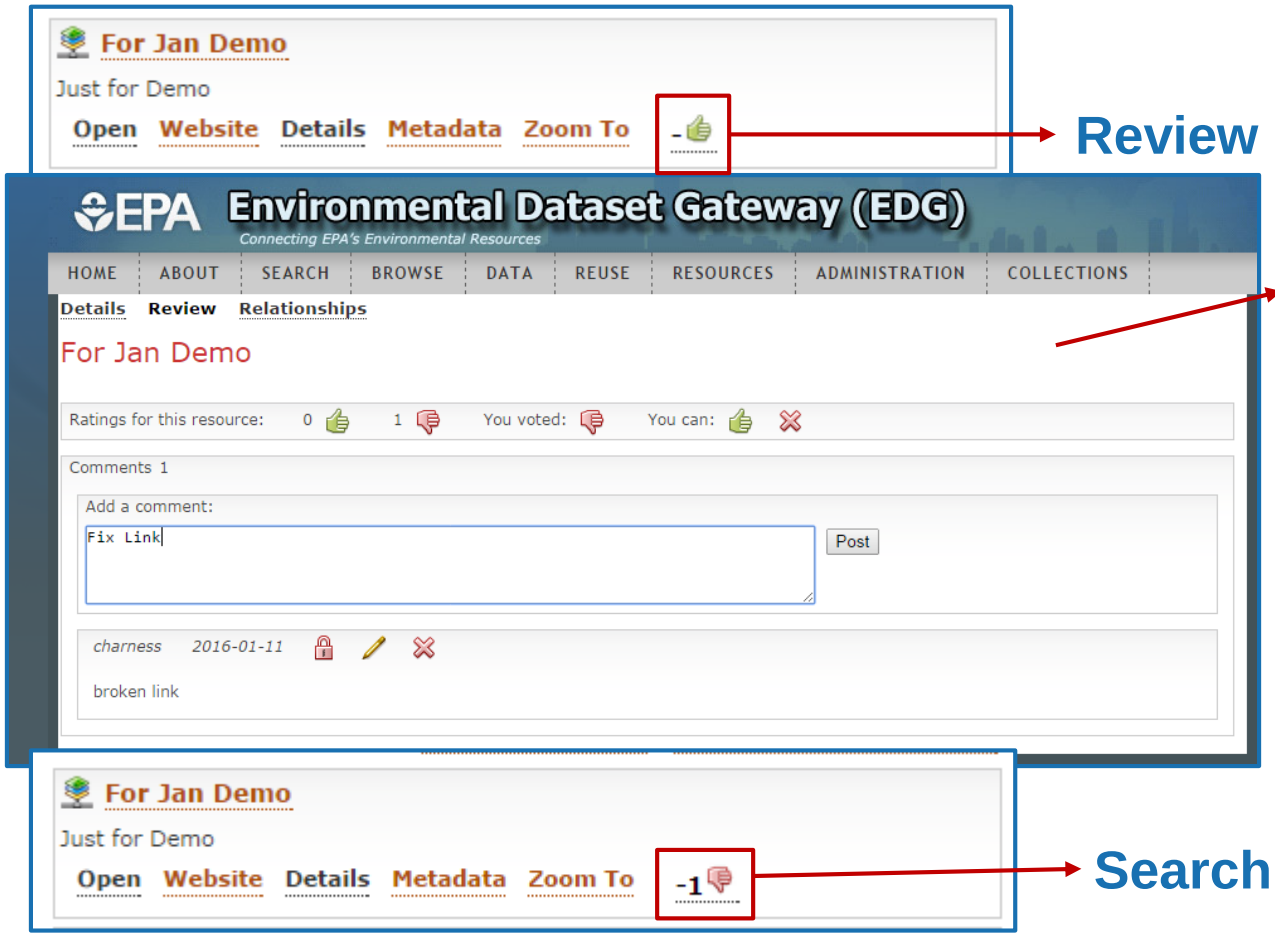
Access Search results though the REST API:

- Every resource at the EDG is accessible through a REST URL
  - URL is available at the bottom of the details page
- Can use REST API to define a search
- Access resources that meet search criteria without using the EDG interface
- Can embed a REST URL in an external webpage, or subscribe to it through an RSS feed
- 8 REST format options: GEORSS, ATOM, HTML, Fragment, KML, JSON, DCAT, and CSV

/metadata/rest/document?&xsl=metadata_to_html_full&f=html&id=%7B5E42E657-1258-4738-B2B9-333BB01C2230%7D

Search and Discover 101:
Search Results Explained

Search Results Explained: Metadata Review



Review button

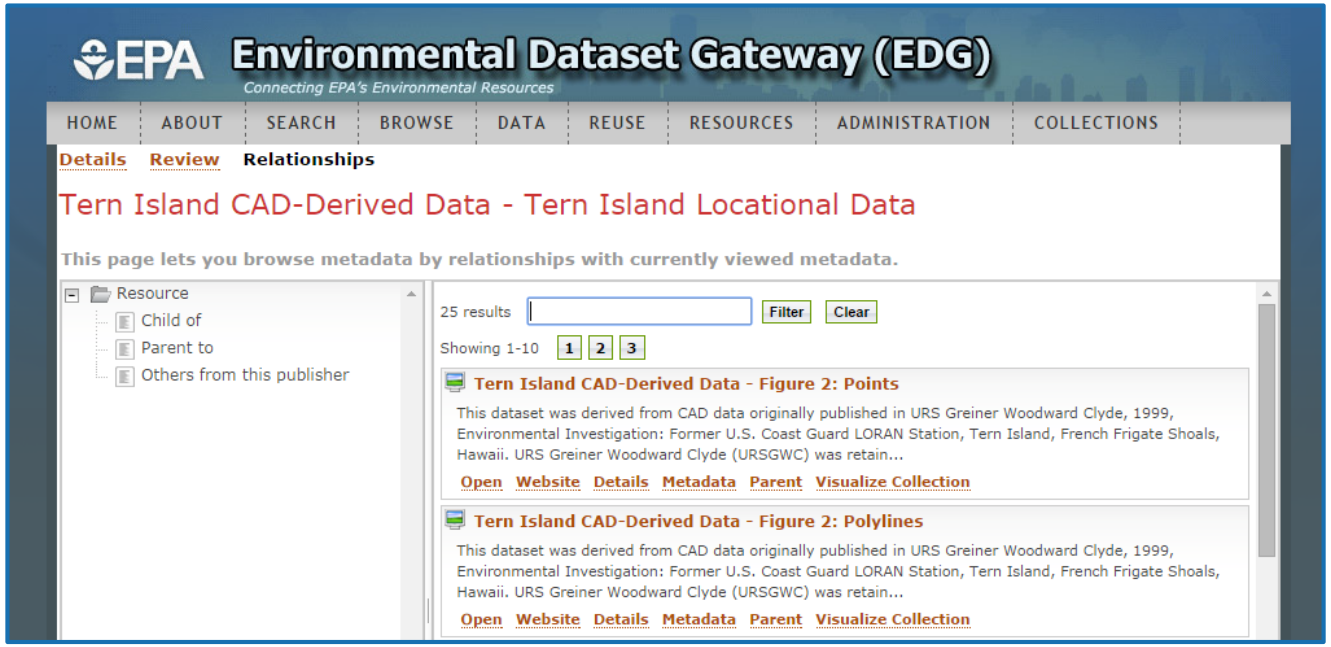
Review Page

- Vote thumbs up/down
- Post comments

Search Results After Review

Search and Discover 101:
Search Results Explained

Search Results Explained: Metadata Relationships



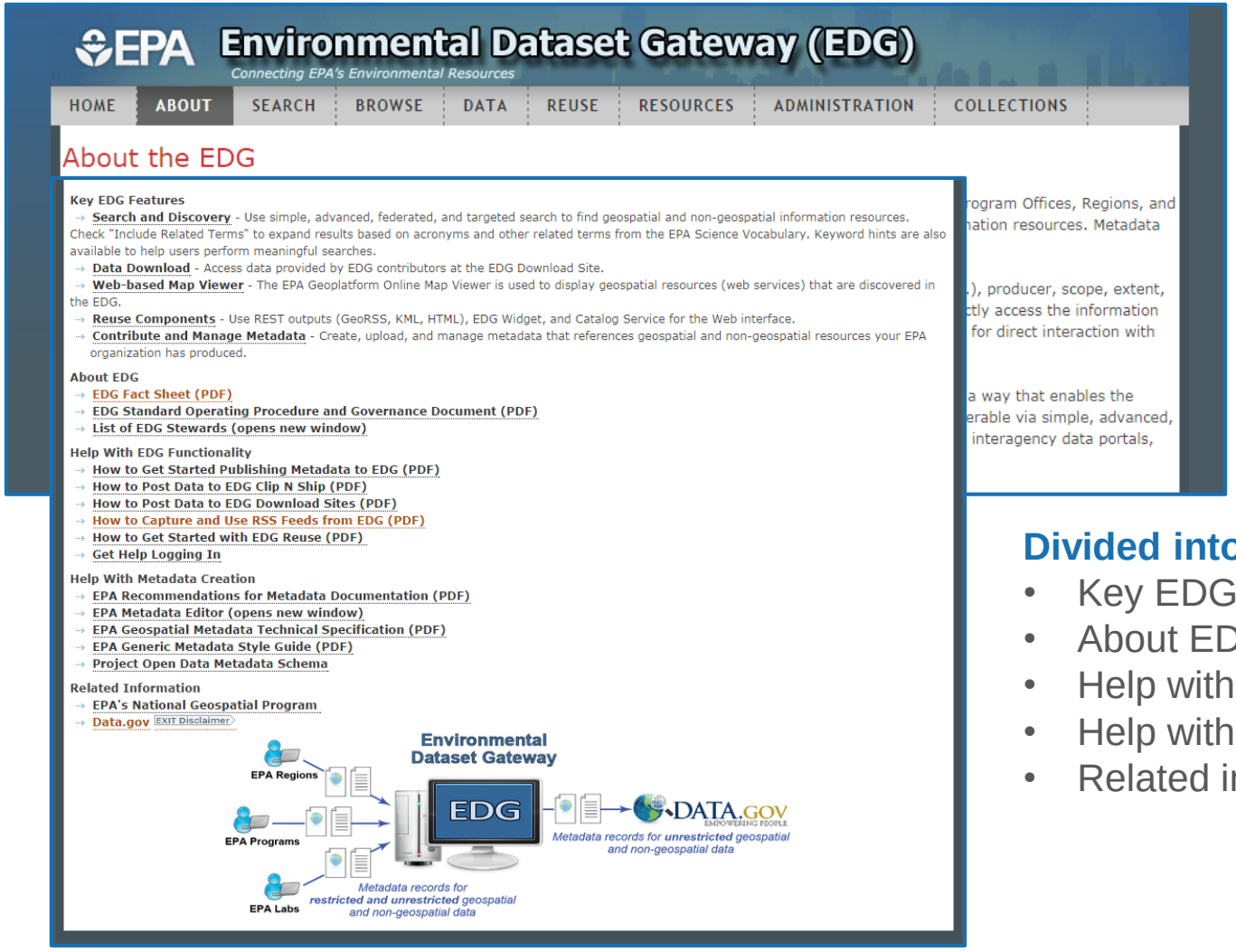
Browse metadata by relationships

- Child of
- Parent to
- Others from this publisher

Search and Discover 101:

Finding Additional Information at the EDG

Finding Additional Information at the EDG: About Page



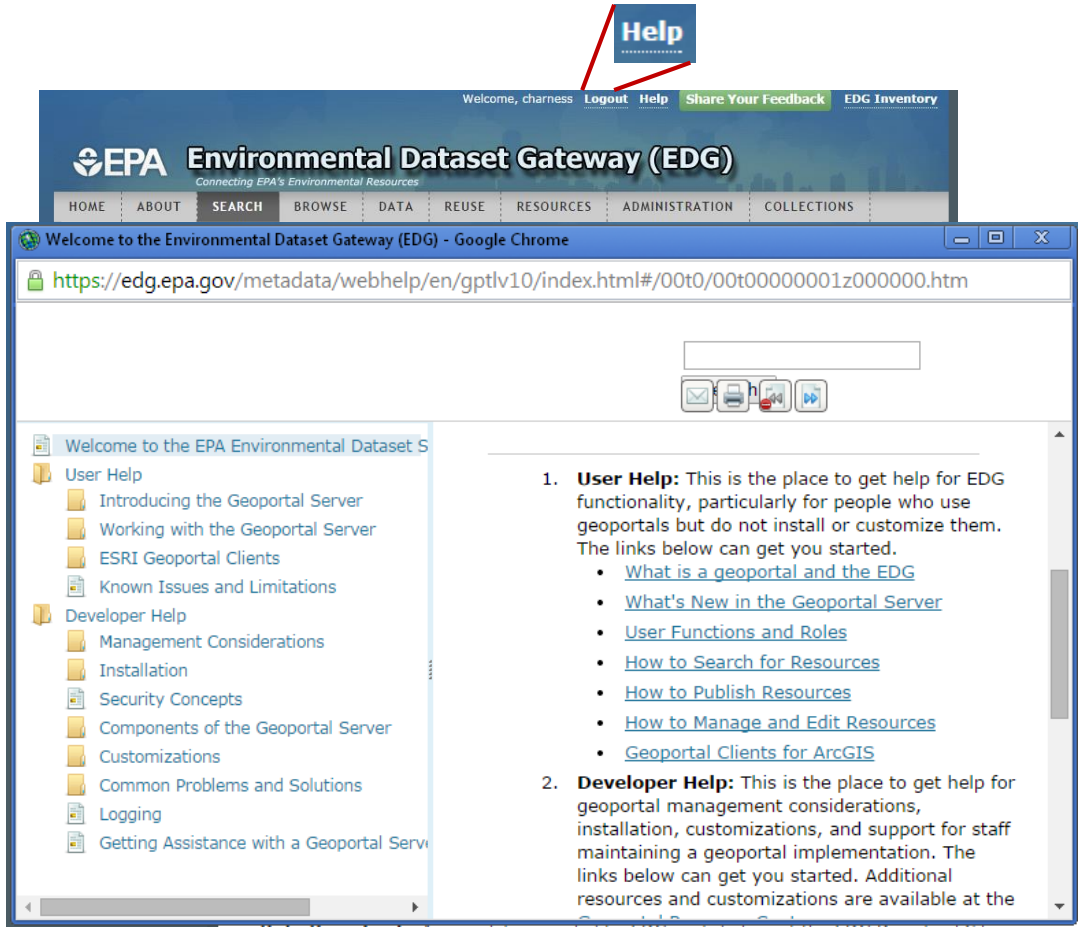
Divided into 5 Categories

- Key EDG Features
- About EDG
- Help with EDG Functionality
- Help with Metadata Creation
- Related information

Search and Discover 101:

Finding Additional Information at the EDG

Finding Additional Information at the EDG: Help System



Help System

- 2 Types of Help
  - User Help
  - Developer Help
- Allows free text search
- Content-sensitive help

DEMO

Search and Discover 101:

Important URLS

- Using Lucene Search Text Queries: https://edg.epa.gov/metadata/webhelp/en/gptlv10/index.html#/Using_Lucene_Search_Text_Queries/00t000000004000000/
- EDG about page: https://edg.epa.gov/metadata/catalog/content/about.page#
- EDG Reuse Document: https://edg.epa.gov/metadata/webhelp/en/gptlv10/inno/EDG_Reuse.pdf
- Questions/Help, email: edg@epa.gov

Questions?

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