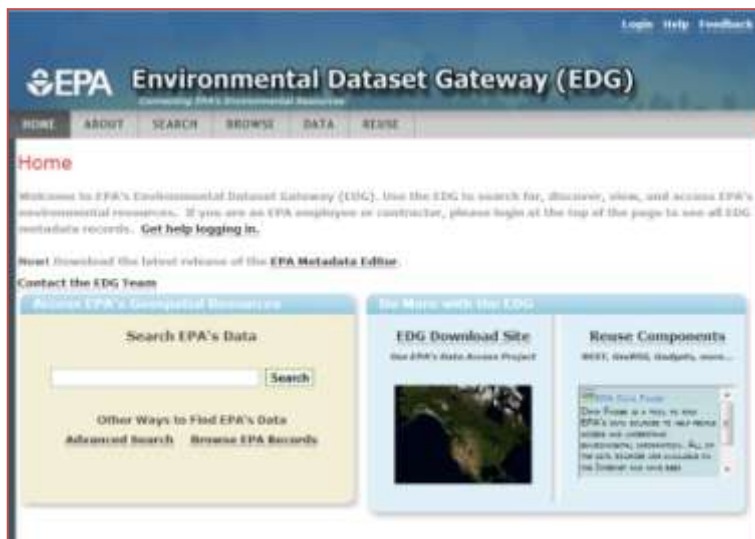


EPA Environmental Dataset Gateway (EDG)



The Environmental Dataset Gateway or EDG is a web-based metadata (data about data) portal that supports the discovery of and access to EPA's environmental dataset resources. The EDG contains metadata records contributed by EPA offices and links to geospatial and non-geospatial resources (e.g., data, services, or applications) described by those metadata records. Unrestricted information that is contributed to the EDG is shared with interagency data sharing portals, including Data.gov and Geo.Data.gov.



Need help with your geospatial metadata?

Now you can create, edit, and validate metadata for the EDG using the globally successful, and free, EPA Metadata Editor!

<https://edg.epa.gov/EME/>

<http://edg.epa.gov>

Content provided to the EDG is managed using a defined governance structure. Each EPA office assigns one or more EDG stewards responsible for contributing and managing dataset metadata in the EDG for their organization. Stewards organize metadata and then contribute it to the EDG by either uploading it manually or using an automated process called harvesting. Metadata contributed to the EDG is reviewed and approved by the EDG Administrator. Once it is approved, the information is available for others to discover.

For More Information

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Key Features

The EDG offers users a number of options for accessing geospatial metadata and data. Some of the key features the EDG offers include:

- **Search and Discovery**
 - Search for environmental datasets in simple, advanced, and targeted ways
- **Metadata Browse Capabilities**
 - Browse by topic, content type, or EPA organization
- **Web-based Map Viewer**
 - Preview data using EDG map viewer
- **Download Locations**
 - Provide space where contributors can store and later access their data
- **Clip N Ship**
 - Select data by spatial extent and download data in various formats
- **EDG Metrics**
 - Access information about EDG content and usage, and export to CSV file
- **Reusable Components**
 - Utilize EDG outputs (GeoRSS, KML, and HTML), reusable search widget, and CS-W interface

Benefits

The EDG provides the following key benefits:

- **The EDG connects people to resources that support EPA's key priorities** – Data sets related to topics such as climate change, air quality, or environmental justice are available through the EDG.
- **The EDG allows contributors to reuse content to support their mission goals** – The EDG offers REST outputs and a Search Widget so that organizations can use to link to live feeds and embed the content directly into their applications. This not only saves time and money but also provides better consistency across the agency.
- **The EDG streamlines EPA's contributions to external metadata sharing portals** – The EDG acts as a single source for EPA's contributions to Data.gov and Geo. Data.gov. Content derived from EDG is routinely managed and updated at these external resources.
- **The EDG supports EPA's Open Government Plan** – The EDG assists in implementing the principles of transparency, participation, and collaboration by helping EPA identify and publish high-value resources.