Environmental Dataset Gateway (EDG)

Connecting EPA's Environmental Resources

The Environmental Dataset Gateway's (EDG) REST interface provides users with the ability to reuse EDG content from their own web pages and applications. The REST interface is accessible through a simple, URL-based application programming interface (API). Using the REST API is very straightforward: users enter a base URL and then append parameters to specify outputs that correspond to the content they are looking for.

Examples of using the REST API are easy to obtain from the EDG. Each time you enter a search at the EDG search interface, you can link to the REST output for that search using the links that are provided at the bottom of the search results list after the "See results through REST API:" text.

The EDG provides users with 2 URLs to access the REST API: an **internet** and an **intranet** URL. The **internet URL** honors users' access rights to metadata records and is available to internal and external EDG users. If users are logged into the EDG, then the internet REST URL provides users with a list of all EDG content (restricted and unrestricted records). If users are not logged into the EDG, then the internet REST URL provides users with access to unrestricted records only. The **intranet URL** provides users with access to all EDG content by default without requiring that users log-in. The intranet URL is accessible on the EPA intranet only. Those outside the EPA intranet cannot access the intranet REST URL.

Individuals inside the EPA intranet who wish to provide links to the full set of EDG metadata records without requiring that other users log in should use the intranet URL. Those who wish to provide users both inside and outside the EPA intranet with access to EDG content that honors access levels should use the internet URL. Both URLs are shown below.

Internet URL:

- **Base URL:** https://edg.epa.gov/geoportal/rest/find/document?
- **Example:** https://edg.epa.gov/geoportal/rest/find/document?searchText=EPA&f=georss&xsl=metadata_to_html_full

Intranet URL:

- **Base URL:** http://geogateway-intranet.epa.gov/geoportal/rest/find/document?
- **Example:** http://geogateway-intranet.epa.gov/geoportal/rest/find/document?searchText=EPA&f=georss&xsl=metadata_to_html_full

For more information on using the REST API and to view some intranet and internet REST examples, please visit the EDG Help pages.