EPA Environmental Dataset Gateway (EDG)

Putting the Environmental Dataset Gateway (EDG) to Use

Access the EDG

http://edg.epa.gov
Includes login for EPA
personnel and contractors



Detailed Instructions

Link to the Reuse Components
page from the EDG Home
Page, or visit the EDG Help



For More Information

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Why Use EDG Outputs?

The EDG's reusable outputs allow you to easily promote your resources without a significant investment of time. For example, by copying and pasting simple EDG REST URLs into your web pages, you can:

- Embed custom views of your metadata in your websites
- Access your metadata from any web page
 - Apply your own styles and customizations
- Allow users to subscribe to dynamic feeds that link to your records
- Visualize your data and metadata in new and exciting ways

How to Embed EDG REST Outputs in Your Website

- 1. Perform a search at the EDG
- 2. Scroll to the bottom of the results list and open a REST link in your web browser (GEORSS, HTML, HTML FRAGMENT, or KML)
- 3. Paste the URL into a web page as <href> or <iframe>. You can use additional parameters to customize your REST URLs. For example:

<a href="https://edg.epa.gov/geoportal/rest/find/document
?searchText=ecoregions&f=html&xs1=fqdc">

For more information, please see the **EDG Help**.

How to Include Stylesheets

You can stylize EDG HTML output to match your organization's look and feel. To do this, use the &style parameter to link to a stylesheet in css format. For example:

<a href="https://edg.epa.gov/geoportal/rest/find/document?
searchText=eco&f=html&xs1=fqdc&style=[your.css]">

To specify a stylesheet for a metadata record, include the &xsl parameter in the URL and specify a stylesheet (fgdc, fgdc_classic, fgdc_faq, fgdc_esri, iso, iso_geography_network, fgdc_geography_network, fgdc_plus). For example, the fgdc_faq stylesheet would be specified as:

http://edg.epa.gov/geoportal/rest/document?id={Your
Record's ID}&xsl=fgdc faq

How to Embed EDG KML Output in a Map

To embed KML output in a Google or Bing map that you host on your website, copy the EDG REST Output (in KML format) from your search results and paste the link into your website's map as a KML Layer.

How to Embed the EDG Search Widget

To embed the EDG Search Widget in your site, include the following two lines in the <script> section of your web page:

http://serverapi.arcgisonline.com/jsapi/arcgis/?v=1.3
http://edg.epa.gov/geoportal/widgets/searchjs.jsp

http://edg.epa.gov

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About EDG REST Outputs

The EDG's REST (Representational State Transfer) API (Application Programming Interface) provides a powerful way to access and embed EDG content directly and dynamically in web applications or pages. When you search the EDG, links to internet and intranet REST results are displayed below the search results. The intranet URL provides access to the full set of EPA records (restricted and unrestricted) without

requiring a login, while the internet URL provides access to only unrestricted records. Users must log in to the EDG to access restricted records. NOTE: Only the internet URL should be used for public websites.

REST Output	Integrates With
GEORSS	Web browsers, RSS Readers, web mapping applications
HTML/FRAGMENT	Web pages, Content management systems, Wikis
KML	Web mapping applications, standalone KML viewers

Embed Outputs in Your Website

It is easy to embed REST outputs into your website. Simply search the EDG for your records, copy the REST link at the bottom of the Search Results page (internet

or intranet), and paste the link as <href> or <iframe> in your HTML file. The following example would link your website to a EDG metadata record:

<A href=https://edg.epa.gov/geoportal/rest/document?id=[Your Record's
UUID]&xsl=fgdc>Your Record's Title

Choose a Stylesheet

The EDG allows you to apply custom stylesheets to the REST interface HTML output and to individual metadata records. Stylesheets allow you to format the look and feel of EDG outputs to meet your needs. To apply the stylesheet of your choice, edit the URL of your EDG record so that the &xsl= parameter is

followed by one of the following options: fgdc_geography_network, fgdc, fgdc_classic, fgdc_faq, fgdc_esri, fgdc_plus, iso, or iso_geography_network. You can also create your own custom stylesheet and have it hosted at the EDG.

Embed KML Output In a Map

For web users without access to GIS software, Web-based maps (such as Google or Bing) provide a convenient way to view geospatial data. Overlaying the EDG's KML output on a web-based map can provide your users with a unique view of your metadata and data. To embed a KML output in a Google or Bing

FGDC Metadata
Show Definitions
Description | Spatal | Data Structure | Data Quality | Data Source | Data Distribution | Metadata

Description |
Title: EPA Diffice of Water (QW): Impaired Waters with TMDLs NHD Indexed Dataset
Originators: US Environmental Protection Agency, Office of Water
Publisher: U.S. Environmental Protection Agency, Office of Water
Publisher | U.S. Environmental Protection Agency
Publisher | U.S. Environmental Protection Agency
Publication Agers: Washington, DC
Publication Agers: Washington, DC
Publication Agers: 20100108
Data type: vector dipital data
Data location: http://waversgeo.epa.gov/ArcGIS/rest/services/OWRAD/ALL_OWRAD_NADB3/MapServer/,
http://www.epa.gov/waters/data/downloads.html

Description

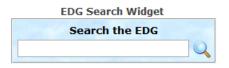
Abstract: The Total Maximum Daily Load (TMDL). Tracking System contains information on waters that are Not Supporting their designated uses. These waters are listed by the state as impaired under Section 303(d) of the Clean Water At. The status of TMDLs are also tracked. TMDLs are pollution control measures that reduce the discharge of pollutants into impaired waters. A TMDL or Total Maximum Daily Load is a calculation of the maximum that any analysts of the pollutants sources. What is a cland maximum daily load (TMDL)? Varied caught standards are set by States, Territories, and Tribes. They identify the uses for each waterbody, for example, drinking water supply, contact reverabor (ownimps), and aquatal fee support (fishing), and the secretic Certain as support that use. A contained to the pollutant's sources. What is a cland maximum daily load (TMDL)? Varied requisity standards are set by States, Territories, and Tribes. They identify the uses for each waterbody, for example, drinking water supply, contact reverabor (ownimps), and aquatal fee support (fishing), and the secretic Certain as support that use. A contained the secretic certain as support that use. A contained to the secretic certain as support that use. A contained the secretic certain as support that use. A contained the secr

EPA Office of Water (OW): Impaired Waters with TMDLs NHD Indexed Dataset

map on your website, copy the REST output (KML) from your search results and paste the link into your website's map as a KML Layer.

Embed the EDG Search Widget in Your Website

The EDG Search Widget makes it possible to search the EDG from another web page or application. The search widget can be included on your website by simply inserting two lines of code. Users can type a search term or lucene search query in the search field and retrieve a pop-up list of records that match that search.



For more help, follow the Reuse Components link on the EDG Homepage.