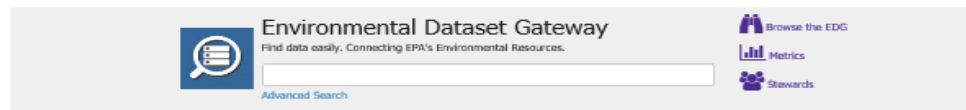


## EPA Environmental Dataset Gateway (EDG)









The Environmental Dataset Gateway (EDG) provides a one-stop to discover and access EPA's Open Data resources. The EDG contains metadata records contributed by EPA Regions, Program Offices, and Research Laboratories that links to geospatial and non-geospatial resources (e.g., data, Web services, or applications). Unrestricted information that is contributed to the EDG is shared with Data.gov.



### Featured Data Products

Climate Change   Environmental Justice   Facility Data

 <p>Change in Length of Growing Season by State, 1895-2015</p>	 <p>Change in First Leaf Date Between 1951-1960 and 2006-2015</p>	 <p>Change in the Magnitude of River Flooding in the United States, 1965-2015</p>	 <p>Relative Sea Level Change Along U.S. Coasts</p>	 <p>Average Temperatures in the Southwestern United States, 2000-2015 Versus Long-Term Average</p>	 <p>Frequency of Flooding Along U.S. Coasts, 2010-2015 Versus 1950-1959</p>
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[See More](#)

### Popular Datasets

 <p>Demographics for US Census Tracts - 2010 (American Community Survey 2006-2010 Derived Summary Tables)</p>	 <p>Demographics for US Census Tracts - 2012 (American Community Survey 2008-2012 Derived Summary Tables)</p>	 <p>U.S. Level III and IV Ecoregions (U.S. EPA)</p>	 <p>Polychlorinated Biphenyls (PCB) Transformer Registration Database</p>	 <p>EPA Office of Water (OW): 303 (d) Listed Impaired Waters NHDPlus Indexed Dataset</p>	 <p>EPA Office of Water (OW): 303 (d) Listed Impaired Waters by Causes of Impairment and Probable Sources</p>
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[See More](#)

### For More Information

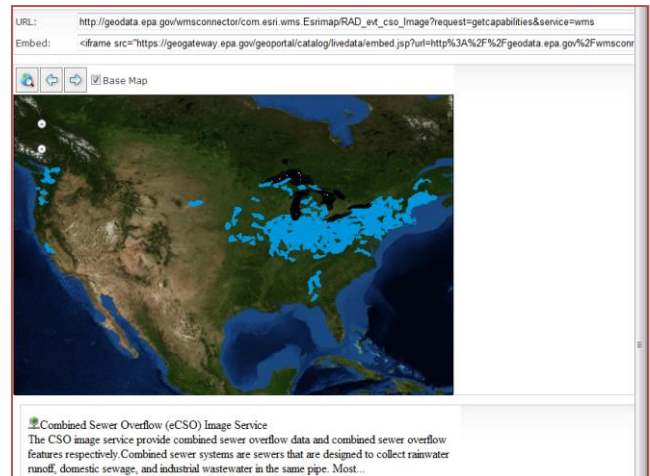
Michael Pendleton  
[Pendleton.michael@epa.gov](mailto:Pendleton.michael@epa.gov)  
 Phone: (202) 566-1658  
<http://edg.epa.gov>

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 at 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. Metadata contributed to the EDG is reviewed and approved by the EDG Administrative Group. Once approved, the metadata record is available for others to discover.

## Key Features

The EDG offers options for accessing metadata and data. Key features of the EDG include:

- **Search and Discovery**
  - Simple, advanced, and targeted searches for environmental datasets
- **Data Access and Download**
  - Downloadable datasets
  - Access live Web services at the EPA GeoPlatform
  - Interactive Clip-N-Ship
- **Reusable Components**
  - EDG REST outputs (GeoRSS, KML, HTML)
  - EDG Search Widget plug-in
  - Catalog service for the Web interface



## Benefits

The EDG provides the following benefits:

- **The EDG connects people with resources that support EPA's priorities** – Datasets such as air quality and environmental justice are available through the EDG.
- **The EDG allows contributors to reuse content to support their mission goals** – The EDG's REST and Search Widget are two tools organizations can use to link to live feeds from the EDG 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. Content derived from EDG is routinely managed and updated at these external resources.
- **The EDG supports Office of Management and Budget's Open Data Policy and Data.gov**– The EDG assists in implementing the principles of interoperability and openness by making EPA information assets available online.

