

Upcoming Accidental Librarian Webinars

- May 20: Government Financial Tools
 - June TBD: Legal research
 - August TBD: Using data in instruction
 - September TBD: Trade data
 - October TBD: Foreign affairs research
 - November TBD: UN data
 - December TBD: The Serial Set
- Brought to you by the North Carolina Library Association's Government Resources Section. Join us!
- <http://www.nclaonline.org/government-resources>

Finding Government Data on the Environment



Ann Marshall, April 29th, 2015

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twitter: @annmarshallibre

Image is from: <http://www.environmentandsociety.org/mml/waste-leo-koppelkamm>

Overview

1. Interactive Tools (e.g. maps)
2. Finding & Downloading Datasets
3. Searching the Scholarly Literature
4. On Campus & Curriculum Ideas

If time allows (or on your own) ...

Appendix I: A Few Global Sources

Appendix II: Additional U.S. Resources

Interactive Tools (e.g. maps)

Envirofacts Data Warehouse

U.S. ENVIRONMENTAL PROTECTION AGENCY



Envirofacts Data Warehouse



[Recent Additions](#) | [Contact Us](#) | Search: All EPA This Area

You are here: [EPA Home](#) » [Envirofacts](#) » [Maps](#)

EF Overview

Queries, Maps, & Reports

Data Update

Technical User

Site Map

Contact Us

Quick START!

VIEW environmental information FOR ANY ZIP Code, City, OR County.

USE State Abbreviations.

- ZIP Code
- City, State Abbr
- County, State Abbr

GO



Maps

Envirofacts

By entering a choice below you are able to view environmental information on a map of your area of interest.

ZIP Code City, State Abbr. County, State Abbr.

Use EnviroMapper to map various types of environmental information, including air releases, drinking water, toxic releases, hazardous wastes, water discharge permits, and Superfund sites for your area of interest.

What additional information will MyEnvironment show for my area of interest?

ZIP Code City, State Abbr.

MyEnvironment, a powerful new prototype mapping application, provide interactive maps and tools to answer popular questions about environmental conditions affecting air, land and water in your community; as well as what is being done locally to protect the environment.

EnviroMapper

Home | Help



Search Place: 14510, NY

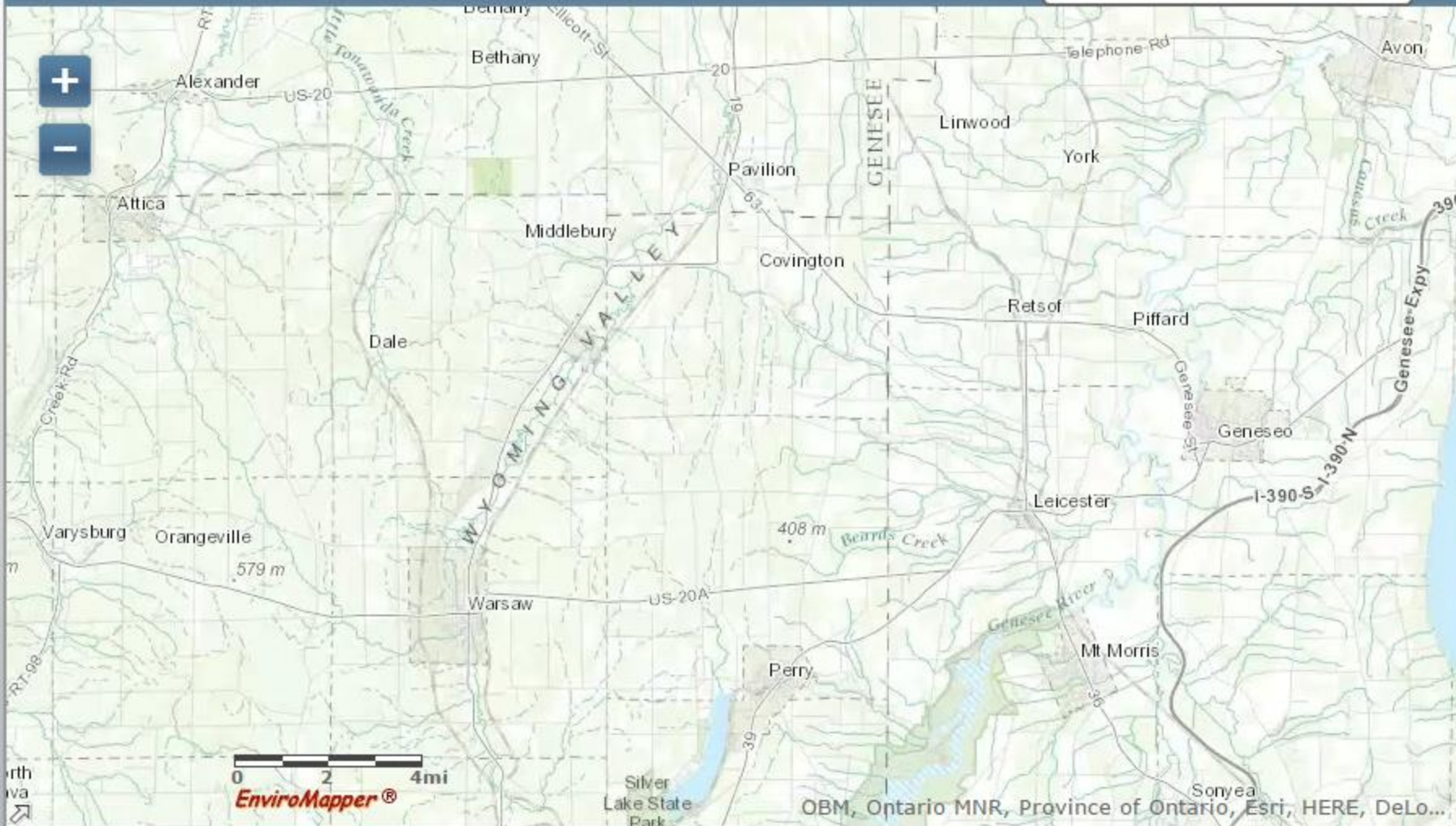
Basemap

Tools

Add Data

Search Envirofacts

Find address or place



EnviroMapper

Home | Help



Search Place: 14510, NY

Basemap ▾

Tools ▾

Add Data ▾

Search Envirofacts ▾

Find address or place

Map navigation controls: + (Zoom In), - (Zoom Out)

Map style selection menu:

- Bing Maps Aerial
- Bing Maps Hybrid
- Bing Maps Road
- Imagery
- Imagery with Labels
- Streets
- Topographic
- Light Gray Canvas
- National Geographic
- Oceans
- Terrain with Labels
- OpenStreetMap

Map labels: Telephone Rd, Avon, Linwood, York, Retsof, Piffard, Genesee, Leicester, I-390-S, I-390-N, Genesee Expy, Varysburg, Orangeville, 579 m, Warsaw, US-20A, Perry, Silver Lake State Park, Mt Morris, Sonyea, Genesee River, US Creek, RT-08, RT-19, RT-19A, RT-19B, RT-19C, RT-19D, RT-19E, RT-19F, RT-19G, RT-19H, RT-19I, RT-19J, RT-19K, RT-19L, RT-19M, RT-19N, RT-19O, RT-19P, RT-19Q, RT-19R, RT-19S, RT-19T, RT-19U, RT-19V, RT-19W, RT-19X, RT-19Y, RT-19Z.

Scale: 0 2 4 mi

EnviroMapper®

OBM, Ontario MNR, Province of Ontario, Esri, HERE, DeLo...

Trying Searching by Program (under Envirofacts)

The screenshot displays the EPA EnviroMapper web application interface. The browser address bar shows the URL www.epa.gov/myem/efmap/index.html. The page title is "EnviroMapper" and the EPA logo is visible in the top right corner. The search bar contains the text "Search Place: 14510, NY". A dropdown menu is open under "Search Envirofacts", listing the following options: "Search by Location", "Search by Program" (highlighted in blue), "Search by Industry", "Search by Chemical", and "Search Greenhouse Gas". On the left side, there is a panel titled "Select EPA program system(s) to map:" with a "Clear" button. The panel lists several programs with their respective counts: Air Emissions (AIRS/AFS)(12), Superfund Sites (CERCLIS)(0), Toxic Releases (TRI)(6), Hazardous Waste (RCRAInfo)(140), Water Dischargers (PCS/ICIS)(63), Brownfields (ACRES)(0), Biennial Reporting (BR)(6), RADInfo(0), and Toxic Substances Control Act (TSCA)(1). Below this list is a "View:" section with radio buttons for "All" (selected) and "20 per page". The main map area shows a topographic map of the Genesee River region in New York, with labels for Dale, Warsaw, Perry, Silver Lake State Park, Silver Springs, Gainesville, Castile, Genesee, Letchworth State Park, Leicester, Mt. Morris, Saryea, Gro, West Sparta, and Genesee. A scale bar at the bottom indicates 0, 2, and 4 miles. The EnviroMapper logo is visible in the bottom left corner of the map area.

Add Data --> Add Supplementary Layers --> Places -->

The screenshot displays the EnviroMapper web application interface. At the top left, the search bar contains the text "Search Place: 14510, NY". The main navigation bar includes "Home | Help", "Basemap", "Tools", "Add Data", and "Search Envirofacts". A search input field on the right contains the text "Find address or place".

The "Add Data" dropdown menu is open, showing the following options:

- Add Supplementary Layers (highlighted)
- Search arcgis.com
- Add Layer from Web

The "Add Supplementary Layers" sub-menu is also open, showing the following options:

- Places (highlighted)
- Transportation
- Water Features
- EPA Tribal Areas
- Nonattainment Area
- Boundaries

On the left side, there is a "Select EPA program system(s) to map:" section with a "Clear" button and a list of programs with checkboxes and counts:

- Air Emissions (AIRS/AFS)(23)
- Superfund Sites (CERCLIS)(0)
- Toxic Releases (TRI)(11)
- Hazardous Waste (RCRAInfo)(258)
- Water Dischargers (PCS/ICIS)(139)
- Brownfields (ACRES)(0)
- Biennial Reporting (BR)(18)
- RADInfo(0)
- Toxic Substances Control Act (TSCA)(2)

Below this list is a "View:" section with radio buttons for "All" (selected) and "20 per page".

The main map area shows a topographic map of the Genesee Valley region in New York, with various towns and parks labeled. A scale bar at the bottom indicates 0, 2, and 4 miles. The EnviroMapper logo is visible in the bottom left corner of the map area.

Add Data --> Add Supplementary Layers --> Places --> Add Schools

EnviroMapper

Home | Help



Search Place: 14510, NY

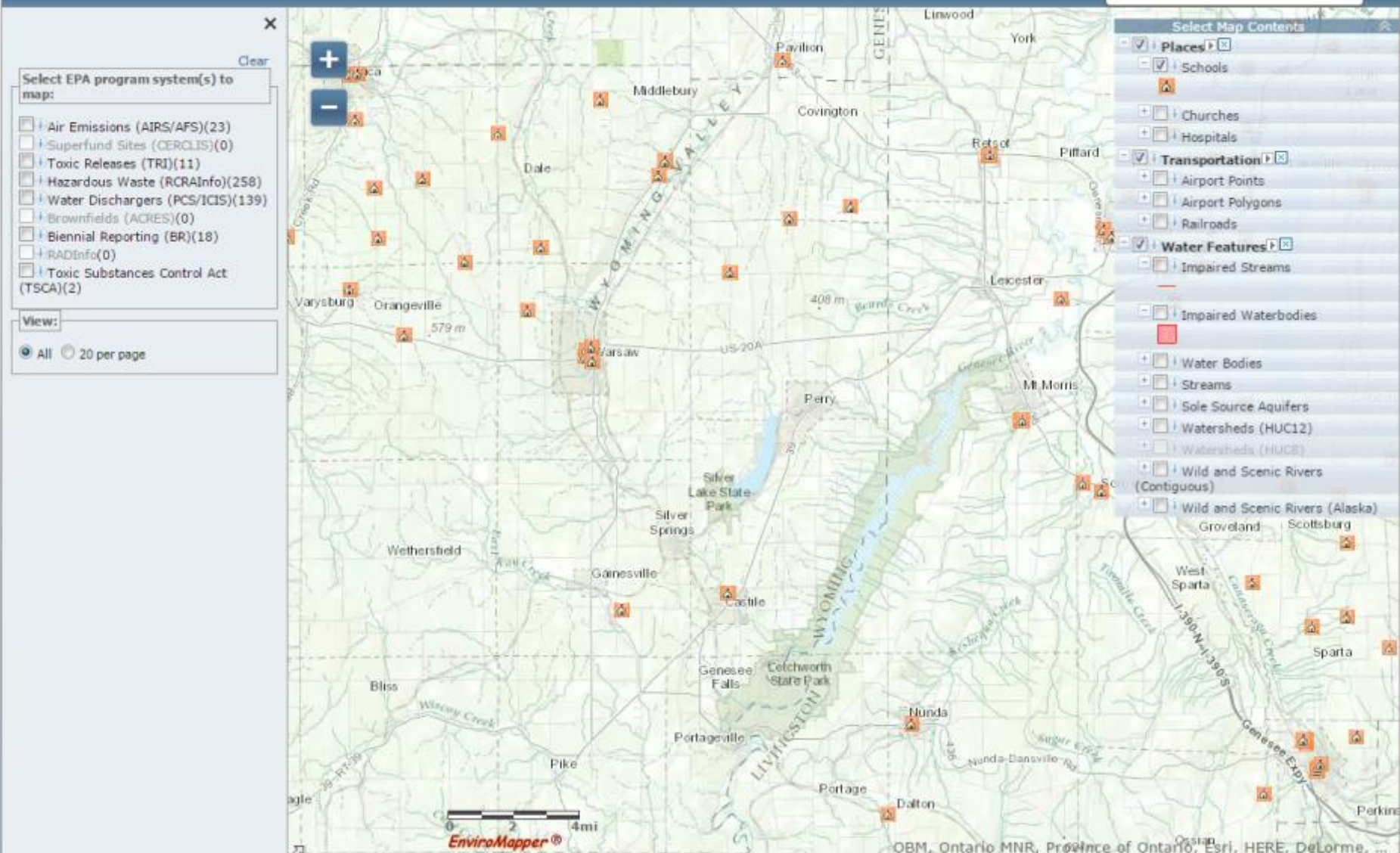
Basemap

Tools

Add Data

Search Envirofacts

Find address or place



- Select EPA program system(s) to map:
- Air Emissions (AIRS/AFS)(23)
 - Superfund Sites (CERCLIS)(0)
 - Toxic Releases (TRI)(11)
 - Hazardous Waste (RCRAInfo)(258)
 - Water Dischargers (PCS/ICIS)(139)
 - Brownfields (ACRES)(0)
 - Biennial Reporting (BR)(18)
 - RADInfo(0)
 - Toxic Substances Control Act (TSCA)(2)

View:
 All 20 per page

- Select Map Contents
- Places
 - Schools
 - Churches
 - Hospitals
 - Transportation
 - Airport Points
 - Airport Polygons
 - Railroads
 - Water Features
 - Impaired Streams
 - Impaired Waterbodies
 - Water Bodies
 - Streams
 - Sole Source Aquifers
 - Watersheds (HUC12)
 - Watersheds (HUC8)
 - Wild and Scenic Rivers (Contiguous)
 - Wild and Scenic Rivers (Alaska)

EnviroMapper®

OBM, Ontario MNR, Province of Ontario, Esri, HERE, DeLorme, ...

Add Data --> Add Supplementary Layers --> Water Features --> Impaired Waterbodies

EnviroMapper

Home | Help



Search Place: 14510, NY

Basemap Tools Add Data Search Envirofacts Find address or place

Select EPA program system(s) to map:

- Air Emissions (AIRS/AFS)(23)
- Superfund Sites (CERCLIS)(0)
- Toxic Releases (TRI)(11)
- Hazardous Waste (RCRAInfo)(258)
- Water Dischargers (PCS/ICIS)(139)
- Brownfields (ACRES)(0)
- Biennial Reporting (BR)(18)
- RADInfo(0)
- Toxic Substances Control Act (TSCA)(2)

View: All 20 per page

Select Map Contents

- Places
- Schools
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- Water Bodies
- Streams
- Sole Source Aquifers
- Watersheds (HUC12)
- Watersheds (HUC8)
- Wild and Scenic Rivers (Contiguous)
- Wild and Scenic Rivers (Alaska)

Layer: Impaired Waterbodies (ID: 1)

Name: Impaired Waterbodies

Display Field: EVENTTYPE

Type: Feature Layer

Geometry Type: esriGeometryPolygon

Description: Water bodies that have excess pollutants and are not clean enough to support recreational u
[Metadata](#)

Definition Expression: N/A

Copyright Text: EPA Office of Wetlands, Oceans, and Watersheds (OWOW)

Default Visibility: false

MaxRecordCount: 1000

Supported Query Formats: JSON, AMF

Min Scale: 5000000

Max Scale: 0

Supports Advanced Queries: true

Supports Statistics: true

Has Labels: false

Can Modify Layer: false

Can Scale Symbols: false

Use Standardized Queries: true

At Left, Add: Hazardous Waste Sites to Map

The screenshot shows the EnviroMapper interface with the following elements:

- Search Bar:** Search Place: 14510, NY
- Navigation:** Home | Help, Basemap, Tools, Add Data, Search Envirofacts
- Left Sidebar:**
 - Select EPA program system(s) to map:
 - Air Emissions (AIRS/AFS)(23)
 - Superfund Sites (CERCLIS)(0)
 - Toxic Releases (TRI)(11)
 - Hazardous Waste (RCRAInfo)(260)
 - Water Dischargers (PCS/ICIS)(139)
 - Brownfields (ACRES)(0)
 - Biennial Reporting (BR)(18)
 - RADInfo(0)
 - Toxic Substances Control Act (TSCA)(2)
 - View:
 - All
 - 20 per page
 - Legend:
 - Single facility
 - Clustered facilities
 - Download
- Map:** Shows a map of Perry, NY, with several hazardous waste sites marked with green circles and numbers (e.g., 13, 18, 20, 28, 31, 43). A pop-up window for 'Kelly Motors' is displayed over site 13, showing the address: 2811 RTE 246, PERRY, NY 14530. The pop-up also includes a search box for 'What's nearby' and a 'Zoom to' link.
- Right Sidebar:** Select Map Contents
 - Places
 - Schools
 - Churches
 - Hospitals
 - Transportation
 - Airport Points
 - Airport Polygons
 - Railroads
 - Water Features
 - Impaired Streams
 - Impaired Waterbodies
 - Water Bodies
 - Streams
 - Sole Source Aquifers
 - Watersheds (HUC12)
 - Watersheds (HUC8)
 - Wild and Scenic Rivers (Contiguous)
 - Wild and Scenic Rivers (Alaska)

So, why does EPA collect data from Kelly Motors? And, what kind of data do they collect?



Kelly Motor Corp.

2811 Route 246, Perry, NY 14530

Home

New Vehicles ▾

Used Vehicles ▾

Finance ▾

Service

38 YEARS FORD F-SERIES
AMERICA'S BEST SELLING TRUCK

EVERY 42 SECONDS.
THAT'S ABOUT HOW LONG IT TAKES FOR
A NEW ONE TO GET PUT TO WORK.[†]

THE 2015 F-SERIES

†Based on 2014 sales through October.

REQUEST A
QUOTE

VALUE YOUR
TRADE

Black Book

CREDIT
ESTIMATOR



Welcome to Kelly Motor Corp.

Kelly Motor Corp., a Ford dealer in Perry, New York offers new Ford Cars, Crossovers, SUVs, Trucks online at <http://www.kellymotorcorp.net>. Search for all new 2014 and 2015 Ford, including Flex, SuperDuty, Explorer, F-150, Econoline Wagon, Expedition, Fiesta, Focus, Taurus, Fusion, Edge, Transit Van/Wagon, Escape, Mustang, C-MAX, Transit Connect. Find your dream car from our [Ford showroom](#) of Cars, Crossovers, SUVs, Trucks or search our [new Ford inventory](#) to see what is on our lot, get new car pricing and [free Ford price quotes](#). View our [used car inventory](#), including our pre-owned Ford vehicles.



Hazardous Waste

Hazardous Waste

This layer of EnviroMapper indicates the specific facilities regulated by the USEPA that handle materials designated as hazardous waste. Hazardous waste is any by-product of society that can pose a substantial or potential hazard to human health or the environment when improperly managed.



The Resource Conservation and Recovery Act (RCRA) requires that generators, transporters, treaters, storers, and disposers of hazardous waste (as defined by the federally-recognized hazardous waste codes) provide information concerning their activities to state environmental agencies. These agencies then provide the information to regional and national U.S. Environmental Protection Agency (EPA) offices.

Generated hazardous waste is the total weight or volume of materials and products produced by a facility that enter the waste stream before recycling, composting, landfilling, or combustion takes place.

To Find Out More About a Specific Facility

To find out selected information about a specific facility that is registered as a hazardous-waste site, use the [RCRAInfo Search Form](#) at the Envirofacts Warehouse. Specify the facility by using any combination of:

- facility name
- geographic location
- facility industrial classification
- chemicals

The RCRA divides hazardous-waste handlers into three categories:

Data Source

The EnviroMapper layer for RCRAInfo sites is obtained from the US Environmental Protection Agency's (USEPA) [Envirofacts Warehouse](#).

The database in which EPA has organized this information is called the **Resource Conservation and Recovery Information System (RCRIS)**. EPA uses RCRIS to support its implementation of RCRA, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA).

The system is primarily used to track handlers

Technical Data Description

USEPA has created a unified database to track and share information on facilities it regulates. This map layer was built by accessing that database.

The Envirofacts Warehouse makes available very detailed technical information about that database, information called **metadata**. Metadata (or "data about data") describe the content, quality, condition, and other characteristics of data.

Metadata are used to organize and maintain data

“generators, transporters, treaters, storers, and disposers of hazardous waste”

ECHO: <http://echo.epa.gov/>



United States Environmental Protection Agency

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ECHO Enforcement and Compliance History Online

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✓ You have been redirected from the former ECHO site to the modernized ECHO, now at echo.epa.gov. Please update your bookmarks, and see our [ECHO Modernization Information](#) page to learn about the new ECHO.



Search Community





Explore Facilities

Search Community


Use EPA's Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations. You can also investigate pollution sources, examine and create enforcement-related maps, or explore your state's performance. [Learn more about ECHO](#)

Quick Search

 [Tutorial](#) [More Search Options](#)



Create Maps




Analyze Trends


Latest News

ECHO News


- ▶ [Version 2.0 of CWA DMR Pollutant Loading Tool Launched](#)
- ▶ [What's New in ECHO](#)
- ▶ [ECHO Modernization Information](#)
- ▶ [Join the ECHO Listserv](#)



Help



Resources




Advanced Tools

ECHO -- Search by Zip Code: 14510

← → ↻ 🗖 echo.epa.gov/facilities/facility-search/results

+ | 📁 bookmarks | 📁 IPFS | 📁 cataloging | 📁 wordpress | 📁 Local University Jobs | 📁 applying to | 📁 archives | 📁 suny stony brook

ECHO 
Enforcement and Compliance History Online

Explore Facilities | Create Maps | Analyze Trends | Advanced Tools | Resources | Help

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You are here Home » Facilities » Facility Search » Facility Search Results


Facility Search Results

This page updates dynamically based on your search criteria and selections within the page.

⚠️ Clean Air Act data and New Jersey Clean Water Act data are frozen. [Read More...](#)

Hide Map | Hide Table | Hide Summary | Modify Search | Report Violation | Help

Map Legend | Basemap Options | Reset Map



Warsaw | Perry | Livingston | Morris | Snyvea | Silver Springs | Gainesville

MT MORRIS DAIRY FARMS INC
Facility ID: 110010806574
[Click for more details.](#)

Customize Columns | Download Data | Results Guide | Reports Legend

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Current Significant Violations	Quarters Non Comp (3 yrs)	In
---------------	--------	----------------	------	-------	--------	---------	--------------------------------	---------------------------	----

Search Statistics

15 Search Results

- 0 Facilities with a Current Violation/s
- 2 Facilities with Violations in the Last Three Years
- 0 Facilities with Formal Enforcement Actions in the Last Five Years
- 1 CAA Sources
- 7 Facilities with CWA Permits
- 7 Facilities with RCRA IDs
- 0 Facilities with TRI Releases

Facility Summary

Search Criteria



ECHO: Scroll down to Find Reports

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Current Significant Violations	Quarters Non Comp (3 yrs)	Inspections (5 yrs)	Formal Enforcement Actions (5 yrs)
G L S W BOCES		27 LACKAWANNA AVE	MOUNT MORRIS	NY	110004321350		N	0	0	
KWIK FILL A0043-113		26 E STATE ST	MOUNT MORRIS	NY	110004458792		N	0	0	
MOUNT MORRIS (V) STP		117 MAIN STREET	MOUNT MORRIS	NY	110009828534		N	1	2	
MT MORRIS DAIRY FARMS INC		7295 BEGOLE ROAD	MT. MORRIS	NY	110010806574		N	0	0	
NYS DOT BIN 1070100		RTE 258 BRG OVER RTE I-390	MOUNT MORRIS	NY	110017875209		N	0	0	
WILLIAMSBURG FARM LLC		5405 MT MORRIS RD	MOUNT MORRIS	NY	110019060521		N	0	0	

Search Results Reports Legend

Icon	Report	Description
	Single Civil Enforcement Case Report	Detailed Civil Enforcement Case Report for the selected facility
	Multiple Civil Enforcement Case Reports	Links to all available Civil Enforcement Case Reports by case number for the selected facility. Click on a case number to access the selected Civil Enforcement Case Report
	Compliance Report	Detailed Facility Report of a facility's compliance and enforcement data
	Effluent Charts	Visual display of a facility's Clean Water Act (CWA) effluent discharge data
	Pollutant Loading Report	Detailed Clean Water Act (CWA) Discharge Monitoring Report Pollutant Loading Tool information for the selected facility

You are here [Home](#) » Detailed Facility Report

Detailed Facility Report

This page updates dynamically based on your search criteria and selections within the page.

[+ Expand All](#) [- Collapse All](#)



Report Violation



Report Data Error



Data Dictionary



Print



Help

Facility Summary



KELLY MOTORS

2811 RTE 246, PERRY, NY 14530 ⓘ

Facility Information (FRS)

FRS ID: [110006095652](#)

EPA Region: 02

Latitude: 42.74793

Longitude: -78.00572

Locational Data Source: FRS

Industry:

Indian Country: N

[Go To Facility/System](#)

[Characteristics](#)

Regulatory Interests

Clean Air Act: No Information

Clean Water Act: No Information

Resource Conservation and Recovery Act: Inactive () Other (NYD981484421)

Safe Drinking Water Act: No Information

Also Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Enforcement and Compliance Summary ⚠

Statute	Insp (5 Years)	Date of Last Inspection	Current Compliance Status	Qtrs in NC (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA			No Violation	0	0					



Resource Conservation and Recovery Act (RCRA)

Resource Conservation and Recovery Act (RCRA) 42 U.S.C. §6901 et seq

RCRA Overview

Resource Conservation and Recovery Act (RCRA): This act, which regulates land-based disposal of waste (and focuses on hazardous waste) has the goal of reducing waste and encouraging recycling. This is not a ban on land-based disposal, but rather a regulation thereof, which uses "manifests" and the "cradle-to-grave" tracking system. All hazardous waste must obtain an identification number, and be accompanied by a "manifest" which tracks the waste. Each time the waste changes hands, a copy is sent back, ensuring that everyone along the chain is informed, and preventing unidentified wastes from arriving at disposal facilities. A part of [Environmental Law](#).

Title D: Solid Waste

Although RCRA is limited to solid wastes that are discarded, this is strangely interpreted. Under the statutory definition (42 USC § 6903(27)), solid waste is very broadly defined, and includes solids, sludge, liquid, semisolids, or contained gaseous material. In defining waste, the EPA was focused on actual waste, not materials that were still part of the manufacturing process (to avoid unnecessary interference with manufacturing). The EPA wanted to exclude (not regulate) real recycling, but didn't want to allow sham recycling to be backdoor to the statute. Thus, the EPA uses a 5 factor test to determine what is waste:

EPA: MyEnvironment

www.epa.gov/myenvironment/



Search



Mobile | Español | 中文: 繁體版 | 中文: 简体版 | Tiếng Việt | 한국어

Advanced Search

A-Z Index

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SEARCH

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MyEnvironment

Location go

Enter a location such as address, zip, city, county, waterbody, park name, etc. (e.g., 22207, Arlington, VA or Difficult Run).

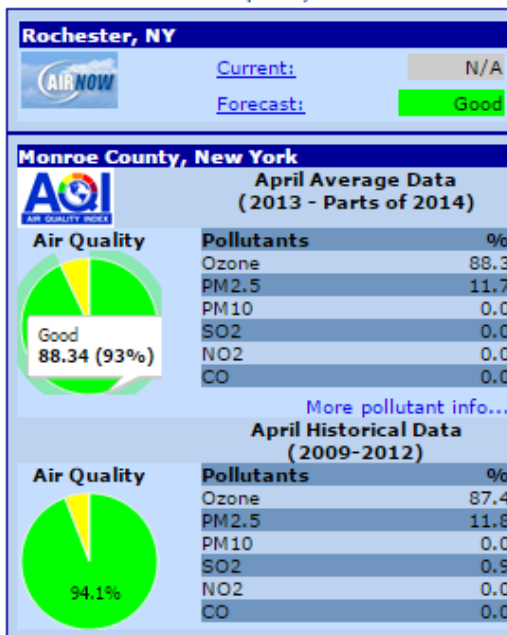
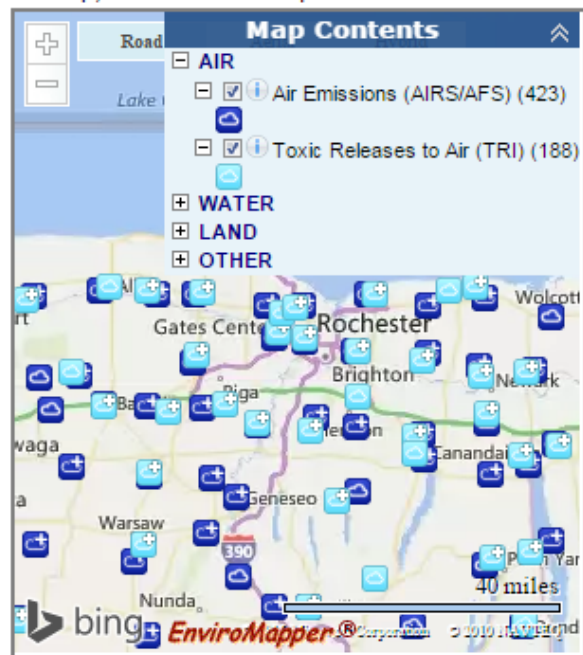
[Learn More About MyEnvironment >>>](#)

EPA Persistent Cookies Notice

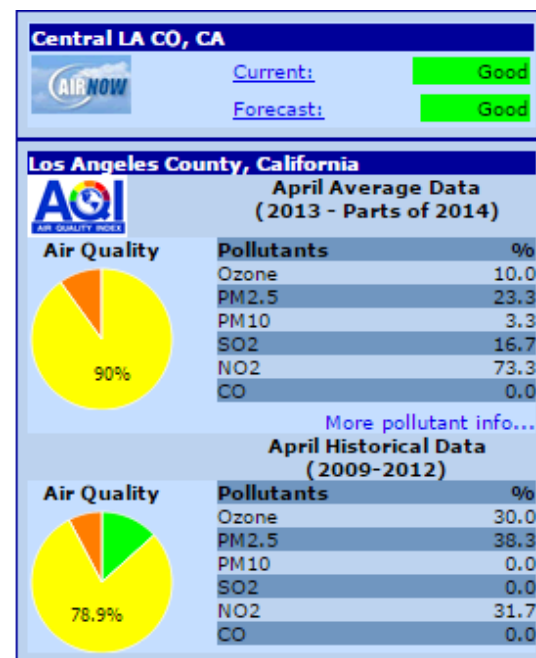
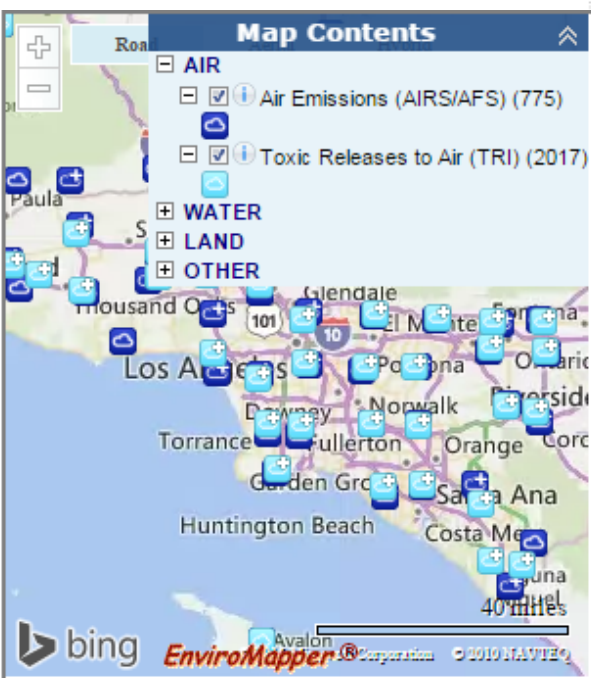
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Last updated on 6/25/2014

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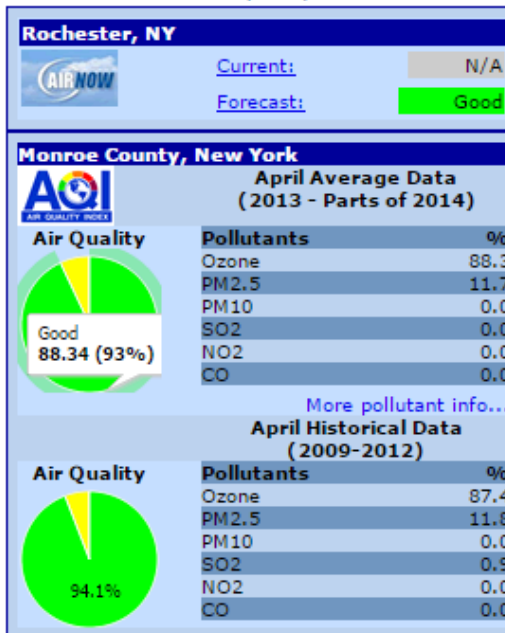
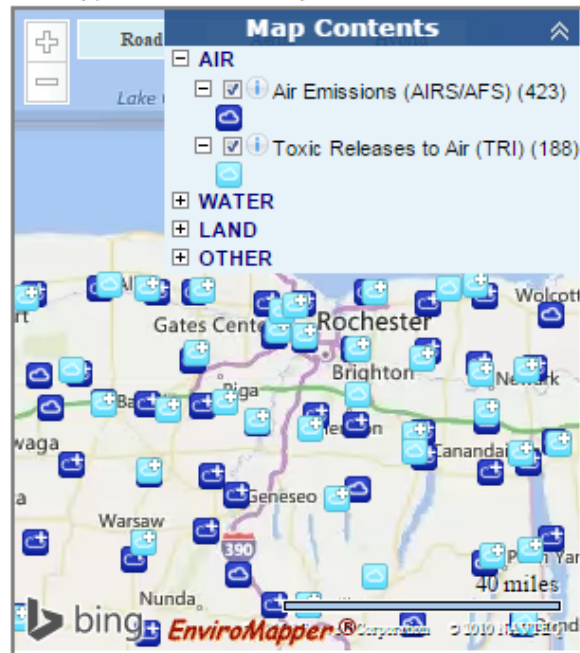


Monroe County



Los Angeles County

Historical Data



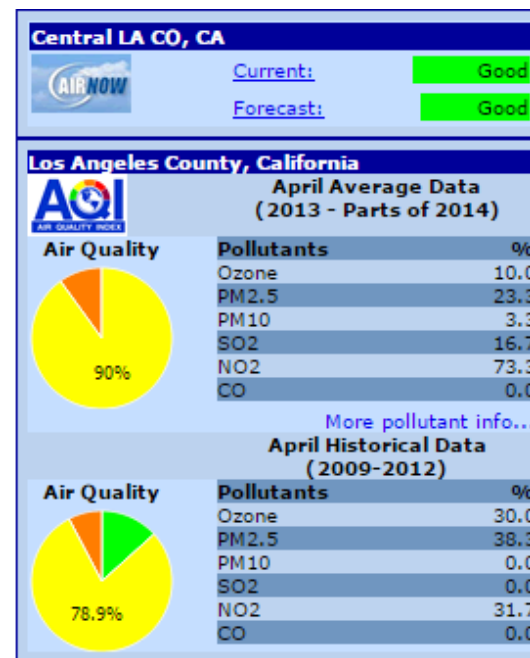
Monroe County

Toxic Releases: 188

Ozone: 87.4

Particulates 2.5: 11.8

Nitrogen Dioxide: 0



Los Angeles County

Toxic Releases: 2017

Ozone: 30%

Particulates 2.5: 38.3

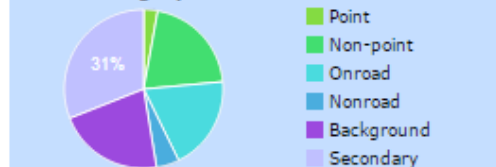
Nitrogen Oxide: 31.7

Toxic air pollutants, or air toxics, are those pollutants known or suspected of causing cancer or other serious health problems, such as birth defects. Not all air pollutants are considered – please visit the [NATA Web site](#) for more information on the 2005 NATA data.

2005 Cancer Risk Estimates (Inhalation)
Monroe County, New York
[More air toxics info...](#)

Total Risk Per Million: 44

Source Category Breakdown of Risk



Pollutant Contributions to Risk

Pollutant	Percentage
Formaldehyde	33.41
Benzene	21.24
Naphthalene	8.24
Carbon tetrachloride	6.52
Acetaldehyde	5.43

[click to get the whole list](#)

Monroe County (Rochester, NY)

Total Risk Per Million: 44

Formaldehyde: 33.41%

Benzene: 21.24%

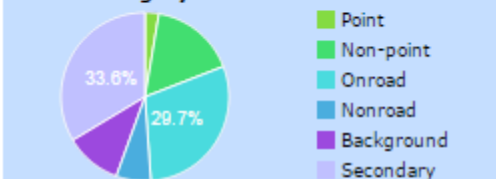
About Benzene: (from the CDC)

- Outdoor air contains low levels of benzene from tobacco smoke, gas stations, motor vehicle exhaust, and industrial emissions.
- Benzene can cause bone marrow not to produce enough red blood cells, which can lead to anemia. Also, it can damage the immune system.

2005 Cancer Risk Estimates (Inhalation)
Los Angeles County, California
[More air toxics info...](#)

Total Risk Per Million: 109

Source Category Breakdown of Risk



Pollutant Contributions to Risk

Pollutant	Percentage
Formaldehyde	50.54
Benzene	11.54
Naphthalene	6.87
Acetaldehyde	5.00
1,3-Butadiene	4.52

[click to get the whole list](#)

Los Angeles County

Total Risk Per Million: 109

Formaldehyde: 50.54%

Benzene: 11.54%



Community Facts - Find popular facts (population, income, etc.) and frequently req



Enter a state, county, city, town, or zip code:

GO

Monroe County, New York

[We found more results for your geography search >>](#)

Population

Census 2010 Total Population



744,344

Source: 2010 Demographic Profile

Popular tables for this geography:

2010 Census

- [General Population and Housing Characteristics \(Population, A](#)
- [Race and Hispanic or Latino Origin](#)
- [Hispanic or Latino by Type \(Mexican, Puerto Rican, ...\)](#)

Los Angeles County, California

Population

Census 2010 Total Population



9,818,605

Source: 2010 Demographic Profile


Popular tables for this geography:

2010 Census

- [General Population and Housing Characteristics \(Population](#)
- [Race and Hispanic or Latino Origin](#)
- [Hispanic or Latino by Type \(Mexican, Puerto Rican, ...\)](#)

My Green Apps



 Note: EPA no longer updates this information, but it may be useful as a reference or resource.

Welcome to My Green Apps, your destination for 290 apps to help you understand and protect the environment. In addition to finding apps, you can [see what app ideas people like best](#). You also can learn about [EPA's Apps for the Environment Challenge](#), which was conducted in the summer of 2011. If you want to make a green app that uses EPA's data, check out [Developer Central](#) and [Data Finder](#).

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Enter email address

Go



Featured Apps

CG Search



CGSearch is a mobile Green IT application that enables users across the U.S. to compare the air quality index, air pollutant levels, energy consumption of various

WeRecycle



WeRecycle is a platform to facilitate communication about waste between citizens and and their community.

AirStatus!



AirStatus is a notification network for individuals who want air quality updates for their local community.

Finding & Downloading Datasets

EnviroMapper Data Download

EnviroMapper

Home | Help



Search Place: 14619, NY

Basemap Tools Add Data Search Envirofacts

Select EPA program system(s) to map:

- Air Emissions (AIRS/AFS)(32)
- Superfund Sites (CERCLIS)(0)
- Toxic Releases (TRI)(23)
- Hazardous Waste (RCRAInfo)(275)
- Water Dischargers (PCS/ICIS)(20)
- Brownfields (ACRES)(17)
- Biennial Reporting (BR)(26)
- RADInfo(0)
- Toxic Substances Control Act (TSCA)(2)

View:

All 20 per page

Single facility
 Clustered facilities

Download

Shapefile Spreadsheet KML

Generate CSV file failed. Error: RequestTimeoutError: Timeout exceeded

Envirofacts

The screenshot shows the EPA Envirofacts website. At the top, the EPA logo and navigation links are visible. The main content area features a navigation menu with options like 'Home', 'Multisystem Search', and 'Topic Searches'. Below this, there are sections for 'How to Use Envirofacts', 'News and Information', 'Data Update', and 'Envirofacts Model'. A prominent 'Get the EnviroFACTS!' section includes a search input field and an 'Advanced' button. A 'Topic Searches' grid lists categories such as Air, Waste, Facility, Land, Toxics, Compliance, Water, Radiation, and Other. A red arrow points to the 'Pollution Prevention (P2) Search Tool' link in the text above the navigation menu.

www.epa.gov/enviro/

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ALL EPA THIS AREA Advanced Search SEARCH

Envirofacts

You are here: EPA Home » Envirofacts

The complete 2013 National Analysis dataset is now available in Envirofacts. To browse the 2013 National Analysis report, visit www.epa.gov/tri/nationalanalysis

TRI's **Pollution Prevention (P2) Search Tool** now helps you identify P2 successes and visually compare P2 performance at both the facility and corporate level. Launch the P2 Search parent company.

The Envirofacts database is now RESTful service-enabled. See the services tab below for documentation and examples, or visit: <http://www.epa.gov/enviro/facts/services.html>

Home Multisystem Search Topic Searches System Data Searches About the Data Data Downloads Widgets Services Mobile Other Datasets

How to Use Envirofacts News and Information Data Update Envirofacts Model

Envirofacts

Your one-stop source for Environmental Information

Get the EnviroFACTS!

Retrieve information from multiple sources of Envirofacts' System Data for your area of interest.

Enter a location such as address, zip, city, county, waterbody, park name, etc.

Advanced

Topic Searches

- Air
- Waste
- Facility
- Land
- Toxics
- Compliance
- Water
- Radiation
- Other

Envirofacts System Data Searches

Multisystem Search

AFS
FRS
IGMS
RadNet
TRI

Toxics Release Inventory (TRI) Program

Contact Us S

You are here: EPA Home » Toxics Release Inventory (TRI) Program » 2013 Toxics Release Inventory National Analysis

TRI Home

Learn About TRI

TRI Resources

TRI Data and Tools

Reporting for Facilities

TRI Chemicals

Laws and Rulemakings

Get Involved in TRI

TRI Contacts

Site Map

2013 Toxics Release Inventory National Analysis

Supporting data files for the 2013 Toxics Release Inventory National Analysis (Excel):



- [2013 Toxics Release Inventory National Analysis: Introduction](#) (3 pp, 13 K)
- [2013 Toxics Release Inventory National Analysis: Pollution Prevention and Waste Management](#) (8 pp, 33 K)
- [2013 Toxics Release Inventory National Analysis: Releases of Chemicals](#) (25 pp, 42 K)
- [2013 Toxics Release Inventory National Analysis: Industry Sectors](#) (12 pp, 31 K)
- [2013 Toxics Release Inventory National Analysis: Where You Live](#) (8 pp, 762 K)
- [2013 Toxics Release Inventory National Analysis: TRI and Beyond](#) (9 pp, 25 K)
- [2013 Toxics Release Inventory National Analysis: Electric Utilities Waste Rates](#) (5 pp, 999 K)
- [2013 Toxics Release Inventory National Analysis: Additional P2 Data](#) (13 pp, 4 MB)



The 2013 Toxics Release Inventory National Analysis, organized by chapter:



- [2013 Toxics Release Inventory National Analysis: Complete Report \(PDF\)](#) (78 pp, 4 MB)
- [2013 Toxics Release Inventory National Analysis: Executive Summary \(PDF\)](#) (3 pp, 421 K)
- [2013 Toxics Release Inventory National Analysis: Introduction \(PDF\)](#) (3 pp, 319 K)

You will need Adobe Reader to view some of the files on this page. See [EPA's About PDF page](#) to learn more.

2013 Toxic Release Where You Live

2013-tri-na-ch5-where-you-live.xlsx - OpenOffice Calc

File Edit View Insert Format Tools Data Window Help

Calibri 11 B / U

A1

	A	B	C	D	E	F	G
1							
2		FIPS	State Abbreviation	State	Count of Total Facilities	Total Releases (lb)	Releases per Sq M
3		04	AZ	Arizona	257	70,121,662.25	615.
4		05	AR	Arkansas	330	35,598,995.88	669.
5		08	CO	Colorado	236	26,948,891.65	258.
6		09	CT	Connecticut	288	2,099,281.85	378.
7		11	DC	District of Columbia	11	773,726.91	1
8		13	GA	Georgia	672	71,399,684.04	
9		16	ID	Idaho	109	48,543,165.14	580.
10		17	IL	Illinois	1,085	123,544,649.65	
11		19	IA	Iowa	440	39,268,194.38	697.
12		20	KS	Kansas	305	21,325,875.58	259.
13		22	LA	Louisiana	389	138,244,757.18	
14		24	MD	Maryland	172	8,277,916.07	667.
15		27	MN	Minnesota	492	26,355,994.03	300.
16		29	MO	Missouri	519	71,987,555.40	
17		30	MT	Montana	57	34,874,012.87	237.
18		32	NV	Nevada	133	369,701,911.31	
19		34	NJ	New Jersey	377	10,919,706.00	
20		38	ND	North Dakota	74	48,009,902.30	679.
21		39	OH	Ohio	1,372	130,988,493.72	
22		40	OK	Oklahoma	374	30,227,185.36	432.
23		42	PA	Pennsylvania	1,168	97,111,481.59	
24		45	SC	South Carolina	509	49,608,548.67	
25		46	SD	South Dakota	95	6,697,506.52	86.
26		49	UT	Utah	185	525,457,492.64	
27		50	VT	Vermont	40	271,177.80	28.
28		54	WV	West Virginia	181	37,999,715.75	

Notes / Total Disposal LAE / Total Disposal per Sq Mile LAE / States (Map Data) / Counties (Map Data) / LAE (Map Data) / N

Sheet 4 / 8 PageStyle_States (Map Data) STD Sum=0 100 %

Envirofacts EZ Query: Create Your Own Table in Three Steps

← → ↻ 🌐 www.epa.gov/enviro/html/fii/ez.html

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Envirofacts

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EZ Query

Home Multisystem Search Topic Searches System Data Searches About the Data Data Downloads Widgets Services Mobile Other Datasets

FRS

This query allows you select key data elements from EPA's Facility Information Database and Geospatial Reference Database to build a tabular report or a Comma Separated Value (CSV) file for downloading.

There are 3 steps to follow to generate a query:

1. First, select one view of interest from the list below.
2. Select columns (data elements or fields) from the selected view.
3. Enter your search criteria to target specific records from the database.

The [EZ Query User's Guide](#) will provide you with detailed information on how to use the EZ Query.

Step 1: Start by selecting one view to be the focus of your query.

FRS Facility and Geospatial Reference Information	
EPA FRS Facility Information	FRS Facility Information including Name, Address, and Best Pick Geospatial Information
EPA FRS Facility Information with Program Identifiers	FRS Facility Information including Name, Address, and Best Pick Geospatial Information with Program System Identifiers. FRS Facility information is repeated for each Program System Identifier associated with the FRS Facility Site record (by Registry_ID).
EPA FRS Program Facility Information	Detailed Facility Information from the EPA Programs within FRS including Name, and Address Information
Facility SIC Codes	Standard Industrial Classification (SIC) Codes for EPA Facilities with EPA FRS Facility Information and Best Pick Geospatial Information

Facility Registry Service Links

- FRS
 - Facility Registry Service (FRS) Overview
 - FRS Searches
 - EZ Search
 - Organization Search
 - FRS Physical Data Model
 - Program Crosswalks
 - Data Resources
- FRS Geospatial
 - Geospatial Overview
 - Geospatial Tools
 - FRS Geospatial Model
 - GIS Applications
 - Return File Format
- Contact Us
- EF Home
- Documentation

System Data Searches

- Multisystem
- AFS
- BR

EZ Query Step One

FRS Facility and Geospatial Reference Information	
EPA FRS Facility Information	FRS Facility Information including Name, Address, and Best Pick Geospatial Information
EPA FRS Facility Information with Program Identifiers	FRS Facility Information including Name, Address, and Best Pick Geospatial Information with Program System Identifiers. FRS Facility information is repeated for each Program System Identifier associated with the FRS Facility Site record (by Registry_ID).
EPA FRS Program Facility Information	Detailed Facility Information from the EPA Programs within FRS including Name, and Address Information
Facility SIC Codes	Standard Industrial Classification (SIC) Codes for EPA Facilities with EPA FRS Facility Information and Best Pick Geospatial Information. Since a facility can be categorized by more than one SIC Code, the facility, latitude, and longitude information will be repeated for each SIC Code.
Facility NAICS Codes	North American Industry Classification System (NAICS) Codes for EPA Facilities with EPA FRS Facility Information and Best Pick Geospatial Information. Since a facility can be categorized by more than one NAICS Code, the facility, latitude, and longitude information will be repeated for each NAICS Code.
ZIP Code Reference	Comprehensive list of ZIP Codes and the city, county, and Post Office names associated with those ZIP Codes, as provided by the United States Postal Service City State Product File.
Program Coordinates	Contains all program spatial data, associated facility name and address information, expanded spatial metadata code descriptions, spatially derived data, and the FRS facility representative point data for the parent facility.
FRS Facilities within and near Indian Tribes and Villages	EPA FRS Facility Information, Best Pick Geospatial Information, Tribal identifiers and distance to tribal boundaries for EPA Facilities in or within 25 miles of Alaskan Indian Village, Tribal Reservations, and Tribal Trust Land boundaries. Since a facility may be within or near more than one tribal boundary, facility information will be repeated for each tribe.
Program Facilities within and near Indian Tribes and Villages	EPA Program Facility Information, Best Pick Geospatial Information, Tribal identifiers and distance to tribal boundaries for EPA Program Facilities in or within 25 miles of Alaskan Indian Village, Tribal Reservations, and Tribal Trust Land boundaries. Since a facility may be within or near more than one tribal boundary, facility information will be repeated for each tribe.

EZ Query Step Two

http://oaspub.epa.gov/enviro/ez_frs_column.list?table_name=D_EF_FAC.V_FRS_FACILITY_SITE_GEO

Envirofacts

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Selection of Columns for FRS EZ Query

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FRS



STEP 2: Select **TWO or more** column(s) for your output by clicking on the square box next to the column name. When you are finished selecting columns, click on the **STEP 3: Enter Search Criteria** button at the bottom of this page.

<< Return

Selection of Columns

<input type="checkbox"/> *	Select ALL columns listed below for output!
<input type="checkbox"/> Count Function for *. DO NOT SELECT THE COLUMN LOCATED DIRECTLY ABOVE IF YOU SELECT THIS COLUMN!	Counts the number of distinct records for the column above: You must select an additional column other than a group function! HELP on STATISTICS! <input type="checkbox"/> COUNT
<input checked="" type="checkbox"/> REGISTRY_ID	The identification number assigned by the EPA Facility Registry System to uniquely identify a facility site.
<input type="checkbox"/> Count Function for REGISTRY_ID. DO NOT SELECT THE COLUMN LOCATED DIRECTLY ABOVE IF YOU SELECT THIS COLUMN!	Counts the number of distinct records for the column above: You must select an additional column other than a group function! HELP on STATISTICS! <input type="checkbox"/> COUNT
<input checked="" type="checkbox"/> PRIMARY_NAME	The public or commercial name of a facility site (that is., the full name that commonly appears on invoices, signs, or other business documents, or as assigned by the state when the name is ambiguous).
<input checked="" type="checkbox"/> LOCATION_ADDRESS	The address that describes the physical (geographic) location of the front door or main entrance of a facility site, including urban-style street address or rural address.
<input type="checkbox"/> SUPPLEMENTAL_LOCATION	The text that provides additional information about a place, including a building name with its secondary unit and number, an industrial park name, an installation name or descriptive text where no formal address is available.
<input type="checkbox"/> CITY_NAME	The name of the city, town, village or other locality, when identifiable, within whose boundaries (the majority of) the facility site is located or the name of the city where the mail is delivered. The two are not always the same.
<input checked="" type="checkbox"/> COUNTY_NAME	The name of the U.S. county or county equivalent in which the facility site is physically located.
<input type="checkbox"/> FRS_CODE	The code that represents the county or county equivalent and the state or state equivalent of the United States.

A long list of variables. And, at the bottom of the list (see next slide), several ozone and particulate variables.

EZ Query Step Two: Continued

(End of the list, showing several environment-relevant variables)

<input type="checkbox"/>	SCALE	The number that represents the proportional distance on the ground for one unit of measure on the map or photo. Remarks: Mandatory for all horizontal data collection methods except for methods using Global Positioning System (GPS).
<input type="checkbox"/>	ACCURACY_VALUE	The measure of the accuracy (in meters) of the latitude and longitude coordinates.
<input type="checkbox"/>	ACCURACY_SCORE	The accuracy score (in meters) derived as the accuracy value either supplied by the location metadata or calculated based on the collection method and then modified based on QA boundary checks.
<input type="checkbox"/>	DERIVED_CITY	The spatially derived city name.
<input type="checkbox"/>	DERIVED_COUNTY	The spatially derived county name.
<input checked="" type="checkbox"/>	DERIVED_ZIP	The spatially derived ZIP Code.
<input type="checkbox"/>	DERIVED_STATE	The spatially derived State Code.
<input type="checkbox"/>	DERIVED_FIPS	The spatially derived FIPS code.
<input type="checkbox"/>	DERIVED_HUC	The spatially derived 8-digit Hydrologic Unit Code (HUC) that represents a geographic area representing part or all of a surface drainage basin, a combination of drainage basins, or a distinct hydrologic feature.
<input checked="" type="checkbox"/>	DERIVED_WBD	The spatially derived 12-digit Hydrologic Unit Code (HUC) from the Watershed Boundary Dataset (WBD) that represents a geographic area representing part or all of a surface drainage basin, a combination of drainage basins, or a distinct hydrologic feature.
<input type="checkbox"/>	DERIVED_CB_2010	The spatially derived 2010 Census Block Code, which represents the smallest entity for which the Census Bureau collects and tabulates decennial census information; bounded on all sides by visible and nonvisible features shown on Census Bureau maps.
<input type="checkbox"/>	DERIVED_CD_113	The number that represents the 113th Congressional District for a state within the United States.
<input type="checkbox"/>	US_MEXICO_BORDER_IND	Based on the facility's spatial coordinate, a "Y" value indicates that the facility is within 100KM (62.5 Miles) of the US-Mexico border.
<input type="checkbox"/>	OZONE_8HR_1997_AREA_NAME	The 8-hour Ozone (1997) non-attainment area name, spatially derived from the Air Green Book.
<input type="checkbox"/>	PB_2008_AREA_NAME	The Lead 2008 non-attainment area name, spatially derived from the Air Green Book.
<input type="checkbox"/>	PM25_1997_AREA_NAME	The Particulate Matter 2.5 (1997) non-attainment area name, spatially derived from the Air Green Book.
<input checked="" type="checkbox"/>	PM25_2006_AREA_NAME	The Particulate Matter 2.5 (2006) non-attainment area name, spatially derived from the Air Green Book.
<input type="checkbox"/>	OZONE_8HR_2008_AREA_NAME	The 8-hour Ozone (2008) non-attainment area name, spatially derived from the Air Green Book.

EZ Query Step Three



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Envirofacts

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You are here: EPA Home » Envirofacts » Facility Registry Service (FRS) » FRS EZ Search

Selection Criteria: FRS EZ Query

Home Multisystem Search Topic Searches System Data Searches About the Data Data Downloads Widgets Services Mobile Other Datasets



STEP 3: Enter Search Criteria and Organize the Output
Output Options for Selected Columns

<< Return

Column Name	Search Option Help!	Search Value	Column Display Order	Sort Column	Sort Order	Where Only
REGISTRY_ID	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
PRIMARY_NAME	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
LOCATION_ADDRESS	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
COUNTY_NAME	Not Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
STATE_CODE	Beginning with		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
FEDERAL_FACILITY_CODE	Less than/Equal to	NY	<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
DERIVED_ZIP	Less than		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
DERIVED_WBD	Greater than		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
PM25_2006_AREA_NAME	Containing		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
	In		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
	Not In		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
	Is NULL		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
	Is NOT NULL		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
	Between		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>

Facility Registry Service Links

- Search
 - FRS Facility Query
 - FRS EZ Search
 - Organization Search
 - FRS Physical Data Model
 - FRS Geospatial Model
 - Contact Us
 - Facility Registry Service (FRS) Home

Report an Error

Search Database Reset Output to CSV File

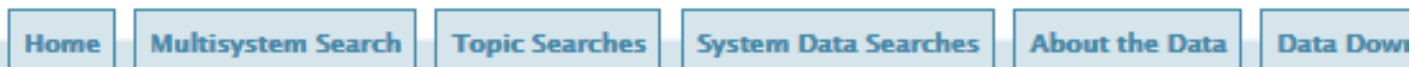
← I chose "Output to CSV File"

Maximum Result List of 100,000 rows

Envirofacts

You are here: [EPA Home](#) » [Envirofacts](#) » [Facility Registry Service \(FRS\)](#) » [FRS EZ Search](#)

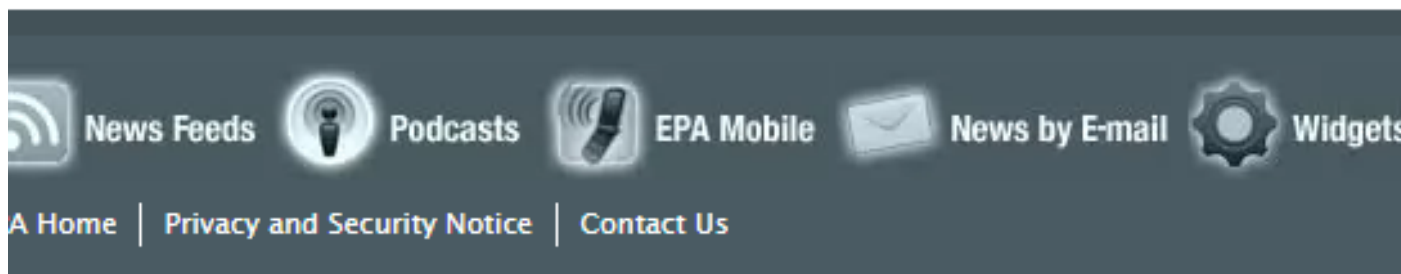
FRS EZ Query Results



Page No. 1
STATE_CODE Equal to NY

<< Return

→ **ERROR!** You selected the CSV output option which has a maximum output of 100,000 rows. selection page and refine your query!



EZ Query Step Three:

Narrowed Search By Zip Code

Envirofacts

You are here: [EPA Home](#) » [Envirofacts](#) » [Facility Registry Service \(FRS\)](#) » [FRS EZ Search](#)

Selection Criteria: FRS EZ Query

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 FRS



STEP 3: Enter Search Criteria and Organize the Output
Output Options for Selected Columns

[<< Return](#)

Column Name	Search Option Help!	Search Value	Column Display Order	Sort Column	Sort Order	Where Only
REGISTRY_ID	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
PRIMARY_NAME	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
LOCATION_ADDRESS	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
COUNTY_NAME	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
STATE_CODE	Equal to ▾	NY	<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
FEDERAL_FACILITY_CODE	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
DERIVED_ZIP	Equal to ▾	14619 ←	<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
DERIVED_WBD	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>
PM25_2006_AREA_NAME	Equal to ▾		<input type="checkbox"/>	<input type="checkbox"/>	Ascending ▾	<input type="checkbox"/>

[Search Database](#) [Reset](#) [Output to CSV File](#)

Results in CSV

1108698117.CSV - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells

A1 REGISTRY_ID

	A	B	C	D	E	F	G	H	I	J	K
1	REGISTRY_ID	PRIMARY_NAME	LOCATION_ADDRESS	COUNTY_NA	STATE	FEDEF	DERIVED	DERIVED_WBD	PM25_2006_AREA_NAME		
2	1.10038E+11	RE-SURFACE INC.	754 BROOKS AVENUE	MONROE	NY		14619				
3	1.10046E+11	ROCHESTER NORTH TEF	745 BROOKS AVENUE	MONROE	NY	N	14619				
4	1.10012E+11	PRECISION PRODUCTS	281 THURSTON RD	MONROE	NY		14619	41300030703			
5	1.10019E+11	NEW YORK SELECT PRO	687 THURSTON ROAD	MONROE	NY		14619	41300030703			
6	1.10042E+11	CITY OF ROCHESTER	65 WILTON TERRACE	MONROE	NY	N	14619	41300030704			
7	1.10004E+11	APPOLLO BUILDING THI	81 THURSTON RD	MONROE	NY	N	14619	41300030704			
8	1.10004E+11	GIL TEGGS SUPER SERVI	671 BROOKS AVE	MONROE	NY	N	14619	41300030703			
9	1.1E+11	BUCKEYE ROCHESTER S	675 BROOKS AVE	MONROE	NY	N	14619	41300030703			
10	1.10004E+11	SUNMARK PETROLEUM	760 BROOKS AVE	MONROE	NY	N	14619	41300030703			
11	1.10004E+11	AKENAMESE SERVICES	108 WINBOURNE RD	MONROE	NY	N	14619	41300030704			
12	1.10011E+11	PRECISION PRODUCTS	681 THURSTON RD	MONROE	NY		14619	41300030703			
13	1.10041E+11	GRIFFITH ENERGY	760 BROOKS AVENUE	MONROE	NY		14619	41300030703			
14	1.10016E+11	RG & E STORAGE FACILI	755 BROOKE AVE	MONROE	NY		14619	41300030703			
15	1.10028E+11	RIT HIGH TECH INCUBA	125 HIGH TECH PARK	MONROE	NY		14619	41300030704			
16	1.10033E+11	671 BROOKS AVENUE LI	671 BROOKS AVENUE	MONROE	NY		14619	41300030703			
17	1.10004E+11	BATAVIA STATION	611 GENESEE PARK BL	MONROE	NY	N	14619	41300030703			
18	1.10004E+11	THURSTON GARAGE	542 THURSTON RD	MONROE	NY	N	14619	41300030703			
19	1.10001E+11	RG&E BROOKS AVENUE	755 BROOKS AVE	MONROE	NY	N	14619	41300030703			
20	1.10019E+11	JOHN WALTON SPENCE	321 POST AVENUE	MONROE	NY		14619	41300030704			
21	1.10011E+11	MIKE'S SHAMROCKS SE	425 THURSTON RD	MONROE	NY	N	14619	41300030703			
22	1.10042E+11	ROCHESTER CITY SCHO	321 POST AVE	MONROE	NY	N	14619	41300030704			
23	1.10014E+11	BUCKEYE ROCHESTER N	754 BROOKS AVENUE	MONROE	NY	N	14619				
24	1.10004E+11	L & O PLUMBING & HEA	768 BROOKS AVE	MONROE	NY	N	14619				

No data in field of Particulates for 2006 for this zipcode

EnviroFacts: Customized Searches For Air, Water, Toxics, Etc.

The screenshot shows the EPA EnviroFacts website interface. At the top, the EPA logo and navigation menu are visible. The main content area is titled "About the Data" and features a grid of search categories. Red arrows highlight specific search options: "Greenhouse Gas Customized Search" under Air, "TRI Customized Search" under Toxics, "Integrated Compliance Information System (ICIS)" under Water, and "Facility Registry System (FRS) EZ Organization Search" under Facility. A text box at the bottom right says "Here's the one we tried" with an arrow pointing to the highlighted "Facility Registry System (FRS) EZ Organization Search" link.

www.epa.gov/enviro/facts/qmr.html

bookmarks IPFW cataloging wordpress Local University Jobs applying to archives random Ideas for Website

EPA United States Environmental Protection Agency

ALL EPA TH

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Envirofacts

You are here: [EPA Home](#) » [Envirofacts](#) » [About the Data](#)

About the Data

Home Multisystem Search Topic Searches System Data Searches **About the Data** Data Downloads Widgets Services Mobile Other Datasets

Envirofacts

Multisystem Search

Air

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Greenhouse Gas
Greenhouse Gas Customized Search
UV Index

Land

Assessment, Cleanup and Redevelopment Exchange System (ACRES)
Biennial Reporting (BR)
Brownfields-Cleanups
Cleanups in My Community (CIMC)
Hazardous Waste (RCRAInfo)
Superfund (CERCLIS)

Water

Integrated Compliance Information System (ICIS)
Microbial Disinfection Byproduct Info (ICR)
Water Discharge Permits (PCS)
Water Discharge Permits (PCS) Customized
Safe Drinking Water (SDWIS)

Waste

Biennial Reporting (BR)
Hazardous Waste (RCRAInfo)
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Toxics

Toxics Release Inventory (TRI)
TRI Explorer
TRI Search
TRI Form R Search
TRI Form R & A Download
TRI EZ Search
TRI Customized Search
TRI Pollution Prevention Search
Toxic Substances Control Act (TSCA)

Radiation

Radiation Information Database (RADInfo)
RadNet
RadNet Customized Search

Facility

Facility Registry System (FRS)
Facility Registry System (FRS) EZ
Organization Search

Compliance

Compliance Air, Water, and Hazardous Waste Search (ECHO/IDEA)

Other

Integrated Grants Management System (IGMS)
Locational Information
Locational Search
Multisystem Search
Substance Registry Services (SRS)
UV Index

Maps

Cleanups in My Community (CIMC)
EnviroMapper for Envirofacts
MyEnvironment

Here's the one we tried

EnviroFacts: Scroll Down for Descriptions of Each Data Source

Air

Air Facility System (AFS) [Go to Search](#)

Information on air releases is contained in the Air Facility System (AFS), a computer-based repository for information about air pollution in the United States. Information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities. The system provides information about the air pollutants they produce. [More information on AFS.](#)

Greenhouse Gas [Go to Search](#)

The purpose of the Greenhouse Gas Reporting Program (GHGRP) is to provide accurate and timely GHG data to inform the public, policy makers and other interested parties. The data will help the public better understand emissions from specific industries, emissions from individual facilities, factors that influence greenhouse gas emission rates, and actions that facilities could take to reduce emissions. [More information on Greenhouse Gas.](#)

Greenhouse Gas Customized Search [Go to Search](#)

GHG Customized Search allows you to create a report on multiple subject areas using the most comprehensive set of GHG data elements. [More information on GHG Customized Search.](#)

UV Index [Go to Search](#)

The ozone layer shields the Earth from harmful ultraviolet (UV) radiation. Ozone depletion, as well as seasonal and weather variations, cause different levels of UV radiation at a given time. The UV Index predicts the ultraviolet radiation levels on a 0-10+ scale, helping people determine appropriate sun-protective behaviors. [More information on UV Index.](#)

[↑ Top of page](#)

Land

Assessment, Cleanup and Redevelopment Exchange System (ACRES) [Go to Search](#)

ACRES captures grantee reported data on environmental activities and accomplishments (assessment, cleanup and redevelopment), funding, job training, and other leveraging efforts – a central objective of the Brownfields Program. The information in ACRES is provided at the property and grant level. Results will be available in the future.

Biennial Reporting (BR) [Go to Search](#)

Detailed hazardous waste information is collected on the generation of hazardous waste from large quantity generators and data on waste management facilities. This information is compiled into a Biennial Report and is useful for trend analysis. [More information on BR.](#)

Brownfields-Cleanups [Go to Search](#)

Accidents, spills, leaks, and past improper disposal and handling of hazardous materials and wastes have resulted in tens of thousands of sites across the country. These sites can threaten human health as well as the environment. Information on these sites is available in the Brownfields-Cleanups database.

Cleanups in My Community (CIMC) [Go to Search](#)

Cleanups in My Community is a mapping and listing tool that shows sites where pollution is being or has been cleaned up throughout the United States. The tool provides profiles for: * Sites, facilities and properties that have been contaminated by hazardous materials and are being, or have been, cleaned up under the Superfund program; * Federal facilities that have been contaminated by hazardous materials and are being, or have been, cleaned up under the Superfund or RCRA cleanup program.

Resource Conservation and Recovery Act Information (RCRAInfo) [Go to Search](#)

Hazardous waste generators, transporters, treaters, storers and disposers of hazardous waste are required to provide information on their activities to the EPA. The information is provided to regional and national US Environmental Protection Agency (EPA) offices through the Resource Conservation and Recovery Act (RCRA) Information System. Information on cleaning up after accidents or other activities that result in a release of hazardous materials to the water, air or land must also be reported through RCRAInfo.

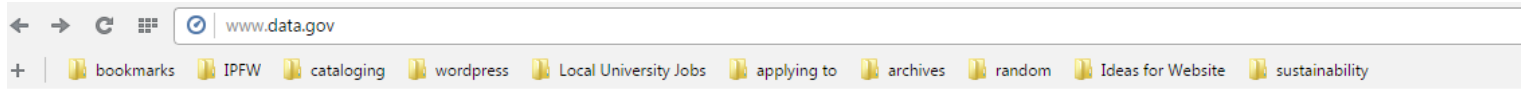
Data Finder (By Agency)

The screenshot shows the EPA Data Finder website interface. At the top, there is a navigation bar with links for 'LEARN THE ISSUES', 'SCIENCE & TECHNOLOGY', 'LAWS & REGULATIONS', and 'ABOUT EPA'. Below this is a search bar and a 'GO' button. The main content area is titled 'Data Finder' and features a search input field. Below the search bar, there is a section for 'Other Environmental Data Finders' with a description and a 'Topics' dropdown menu. The page lists several data finders, including 'Department of Energy', 'Economic Research Service (Department of Agriculture)', and 'Energy Information Administration (Department of Energy)'. On the right side, there is a 'DATA.GOV' logo and a 'Visit EPA's Developer Central website' section. A 'Quick Finder' table lists various topics like Air, Air Quality, Chemicals, etc. At the bottom, there are links for 'Basic Information', 'Data and Developer Forum', 'Other Environmental Data Finders', 'Email Us About Data', and 'Contact EPA'.

Some of these links didn't work for me.



data.gov



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Research



Data.Gov: Ecosystems



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Discover and explore data resources on ecosystems and biodiversity, including ecosystem components, functions, and services.

HIGHLIGHTS

[Biodiversity Resource Hub](#)



[Ecosystem Services Resource Hub](#)



[Land Cover Dynamics Resource Hub](#)



USGS: Biodiversity

USGS
science for a changing world

Biodiversity Information Serving Our Nation (BISON) - U.S. species occurrence data & maps

Home About Data Providers Statistics API Examples Blog

ITIS Enabled Search by Scientific Name Search Reset

Refine Your Search Previous Search (0) 243,170,991 results for all species using ITIS taxonomy Points Layer County Heatmap State Heatmap Map

LEGEND

1000 km
600 mi

Lat: 59.29327 Long:

For more info, try:

<http://neipm.cce.cornell.edu/neipm/assets/File/BMSB%20Resources/BMSB-IWG-Jun-2014/Bugs-and-BISON.pdf>


Global Biodiversity Info Facility (GBIF).org

www.gbif.org

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Free and Open Access to Biodiversity Data

530,152,533 OCCURRENCES	1,605,262 SPECIES	14,122 DATASETS	661 DATA PUBLISHERS
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Sharing biodiversity data for re-use

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- [Publish your data through GBIF](#)
- [Technical infrastructure](#)

Providing evidence for research and decisions

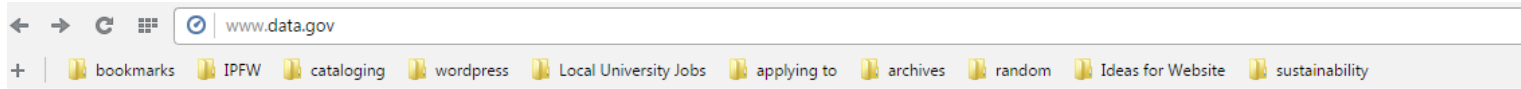
- [Using data through GBIF](#)
- [Enabling biodiversity science](#)
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Climate



Consumer



Ecosystems



Education



Energy



Finance



Health



Local
Government



Manufacturing



Ocean



Public Safety



Science &
Research

Data.Gov: Energy

The screenshot shows a web browser at the URL www.data.gov/energy/. The browser's address bar and bookmark bar are visible at the top. The main navigation menu includes links for DATA, TOPICS (which is highlighted), IMPACT, APPLICATIONS, DEVELOPERS, and CONTACT. Below this, a blue header bar features a lightbulb icon and the word ENERGY. A secondary navigation bar contains links for Updates, Data (indicated by a red arrow), Apps, Maps, Challenges, Resources, and Contact Energy. A search box labeled 'Search Data.gov' is located in the top right corner.

Discover data and resources on key energy topics like alternative fuels, green buildings, efficiency, and managing energy in your own home.

HIGHLIGHTS

APIs from the Energy Information Administration

[View this Dataset](#)

The Energy Information Administration collects statistics on energy generation, distribution and consumption in the United States. Their new APIs provide developers easy access to EIA's extensive data on electricity, petroleum, natural gas, and more.

[More Highlights](#)

Data.Gov: Energy – Data Catalog

catalog.data.gov/dataset

Search Data.Gov

DATA.GOV DATA TOPICS ▾ IMPACT APPLICATIONS DEVELOPERS CONTACT

ENERGY – DATA CATALOG / Datasets Organizations ?

Updates Data Apps Maps Challenges Resources Contact Energy

Federal datasets are subject to the U.S. Federal Government **Data Policy**. Non-federal participants (e.g., universities, organizations, and tribal, state, and local governments) maintain their own data policies. Data policies influence the usefulness of the data. **Learn more** about how to search for data and use this catalog.

Search datasets... Order by: Select an option ▾

Datasets ordered by Popular

Topics: Energy ✕

Filter by location Clear

Enter location... ▾

NORTH AMERICA

Map data CC-BY-SA by [OpenStreetMap](#)
Tiles by [MapQuest](#)

413 datasets found

U.S. International Trade in Goods and Services 🔥

US Census Bureau, Department of Commerce – Monthly report that provides national trade data including imports, exports, and balance of payments for goods and services. Statistics are also reported on a...

[xls, txt](#)

American Community Survey 🔥

US Census Bureau, Department of Commerce – An annual nationwide survey that collects information such as age, race, income, commute time to work, home value, veteran status, and other data.

[csv/bxt, xls](#)

Federal

Federal

Searching the Scholarly Literature

Searching the Scholarly Literature: A Useful Way to Find Data



energy consumption	SU Subject Terms	Search
AND	state*	Select a Field (optional)
AND	policy or politic*	Select a Field (optional)

+ -



OPEN ACCESS Freely available online



Does Size Matter? Scaling of CO₂ Emissions and U.S. Urban Areas

Michail Fragkias^{1*}, José Lobo², Deborah Strumsky³, Karen C. Seto⁴

¹ Department of Economics, Boise State University, Boise, Idaho, United States of America, ² School of Sustainability, Arizona State University, Tempe, Arizona, United States of America, ³ Department of Geography & Earth Sciences, University of North Carolina-Charlotte, Charlotte, North Carolina, United States of America, ⁴ Yale School of Forestry & Environmental Studies, Yale University, New Haven, Connecticut, United States of America

Abstract

Urban areas consume more than 66% of the world's energy and generate more than 70% of global greenhouse gas emissions. With the world's population expected to reach 10 billion by 2100, nearly 90% of whom will live in urban areas, a critical question for planetary sustainability is how the size of cities affects energy use and carbon dioxide (CO₂) emissions. Are larger cities more energy and emissions efficient than smaller ones? Do larger cities exhibit gains from economies of scale with regard to emissions? Here we examine the relationship between city size and CO₂ emissions for U.S. metropolitan areas using a production accounting allocation of emissions. We find that for the time period of 1999–2008, CO₂ emissions scale proportionally with urban population size. Contrary to theoretical expectations, larger cities are not more emissions efficient than smaller ones.

Citation: Fragkias M, Lobo J, Strumsky D, Seto KC (2013) Does Size Matter? Scaling of CO₂ Emissions and U.S. Urban Areas. PLoS ONE 8(6): e64727. doi:10.1371/journal.pone.0064727

Searching the Scholarly Literature:

An Example from “Does Size Matter? Scaling of CO₂ Emissions and U.S. Urban Areas.

Materials and Methods

We use CO₂ emissions data from Project Vulcan that quantifies U.S. fossil fuel carbon dioxide emissions at 10 km × 10 km grid and at the scale of individual factories, power plants, and neighborhoods on an hourly basis [44]. CO₂ emissions estimation utilizes datasets such as air quality monitoring data, census data, highway vehicle use reports, and power plants emissions compliance reports, among others [44,45]. Furthermore, Vulcan includes significant detail, dividing the emissions into 9 economic activity types [45]. We utilize the Vulcan data that is available for counties for the years 1999 to 2008.

Project Vulcan:
Hosted on ASU’s
website, and
funded by NASA
and DOE

The screenshot shows a web browser window with the URL vulcan.project.asu.edu. The browser's address bar and tabs are visible at the top. The website content includes a 'PROJECT VULCAN' header, a 'NAVIGATION' menu with links for 'ABOUT VULCAN', 'TEAM', 'RESEARCH DATA', 'PLOTS', 'ANALYSIS', 'COMMUNICATE', 'PUBLICATIONS', and 'LINKS'. Below the navigation is a 'VULCAN NEWS' section with links for 'Version 2.2 release', 'Vulcan ES&T paper', 'Google Earth application!', 'YouTube GE flyover', and 'YouTube VIDEO (4/2008)'. A 'VULCAN SPONSORS' section features logos for NASA and Arizona State University. To the right, there is a large image of a cloudy sky with the word 'vulcan' overlaid, and 'PREVIOUS' and 'NEXT' navigation arrows. Below the image is an 'About Project Vulcan' section with a detailed description of the project's goals and funding.

Searching the Scholarly Literature: An Example from Google Scholar

emissions "department of energy" table ("new york" OR california OR florida



About 17,600 results (0.25 sec)

[\[BOOK\]](#) CRC handbook of chemistry and physics

[H]

WM Haynes - 2013 - books.google.com

... molecular formula is to use the Physical Constants of Organic Compounds **table**, which starts on ... 3-1, and its synonym index on Page 3-524.) In **tables** containing non ... of Chemistry, Shanghai University Shanghai 200444, China Serguei N. Lvov **Department of Energy** and Mineral ...

Cited by 61775 [Related articles](#) [All 33 versions](#) [Cite](#) [Save](#) [More](#)

Fermi observations of high-energy gamma-ray **emission** from GRB 080916C

[H]

AA Abdo, M Ackermann, M Arimoto, K Asano... - Science, 2009 - sciencemag.org

... The blue points are obtained with the Band functions listed in **Table 1** for the first five ... The pair-production opacity can be reduced if the **emission** region is moving toward us at ... The observed correlated variability of the GBM and LAT **emissions** indicates that photons formed co ...

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Meeting an 80% reduction in greenhouse gas **emissions** from transportation by 2050: A case study in **California**

[P]

C Yang, D McCollum, R McCarthy, W Leighty - ... Research Part D: Transport ..., 2009 - Elsevier

... the transportation sector must play a major role if significant statewide **emission** reductions are ... from vehicle trips that take place entirely within **California's** borders; and Overall **emissions**, which include ... **Table 1** gives a breakdown of transportation energy use and "well-to-wheels ...

Cited by 106 [Related articles](#) [All 13 versions](#) [Cite](#) [Save](#)

Indirect **emissions** from biofuels: how important?

[P]

JM Melillo, JM Reilly, DW Kicklighter, AC Gurgel... - Science, 2009 - sciencemag.org

... **Table 1** ... S. Paltsev et al., "The MIT **emissions** prediction and policy analysis (EPPA) model: version 4 ... This research was supported in part by the David and Lucile Packard Foundation to the MBL, **Department of Energy**, Office of Science (BER) grants DE-FG02-94ER61937, DE ...

Cited by 389 [Related articles](#) [All 15 versions](#) [Cite](#) [Save](#) [More](#)

[\[HTML\]](#) Improvements in life cycle energy efficiency and greenhouse gas **emissions** of corn-ethanol

[H]

AJ Liska, HS Yang, VR Bremer... - Journal of Industrial ..., 2009 - Wiley Online Library

... **Table 2**. Greenhouse gas (GHG) **emissions** inventory of the corn-ethanol life cycle (LC) for a natural gas dry mill biorefinery in Iowa (BESS model, I4-NG). Component

Let's try
this one



Bibliography From: “Meeting an 80% Reduction in Greenhouse Gas ...”

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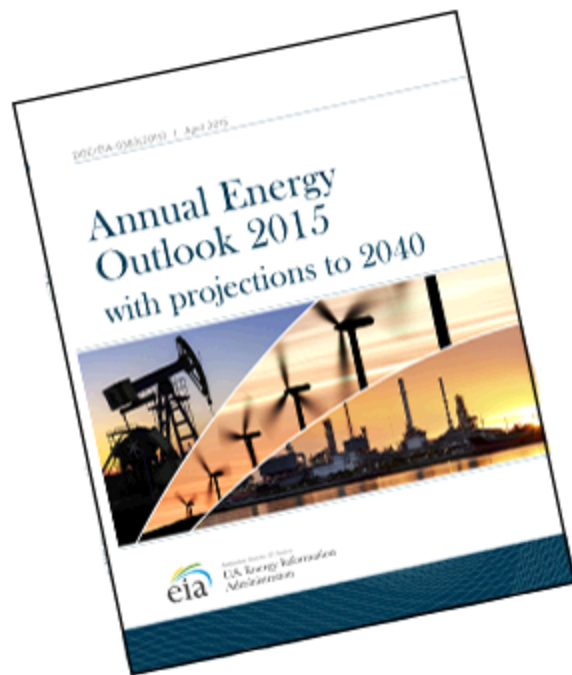
ANNUAL ENERGY OUTLOOK 2015

Release Date: April 14, 2015 | Next Release Date: March 2016 | [CORRECTION](#) | [full report](#) 

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Annual Energy Outlook 2015

presents yearly projections and analysis of energy topics

 [Download the AEO2015 Report](#)

Projections in the *Annual Energy Outlook 2015* (AEO2015) focus on the factors expected to shape U.S. energy markets through 2040. The projections provide a basis for examination and discussion of energy market trends and serve as a starting point for analysis of potential changes in U.S. energy policies, rules, and regulations, as well as the potential role of advanced technologies.

Introduction

In preparing the Annual Energy Outlook 2015 (AEO2015)—a shorter edition; see "[Changes in release cycle for EIA's Annual Energy Outlook](#)"—the U.S. Energy Information Administration (EIA)

By Section

[Preface](#)

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[Economic growth](#)

[Prices](#)

[Delivered energy consumption by sector](#)

[Energy consumption by primary fuel](#)

[Energy intensity](#)

[Energy production, imports, and exports](#)

[Electricity generation](#)

[Energy-related carbon dioxide emissions](#)

[Appendices](#)

Data tables

Reference Case Summary & Detailed Tables

- | | | | |
|-----------|---|---|---|
| A1 | Total Energy Supply, Disposition, and Price Summary |  |  |
| A2 | Energy Consumption by Sector and Source |  |  |
| A3 | Energy Prices by Sector and Source |  |  |

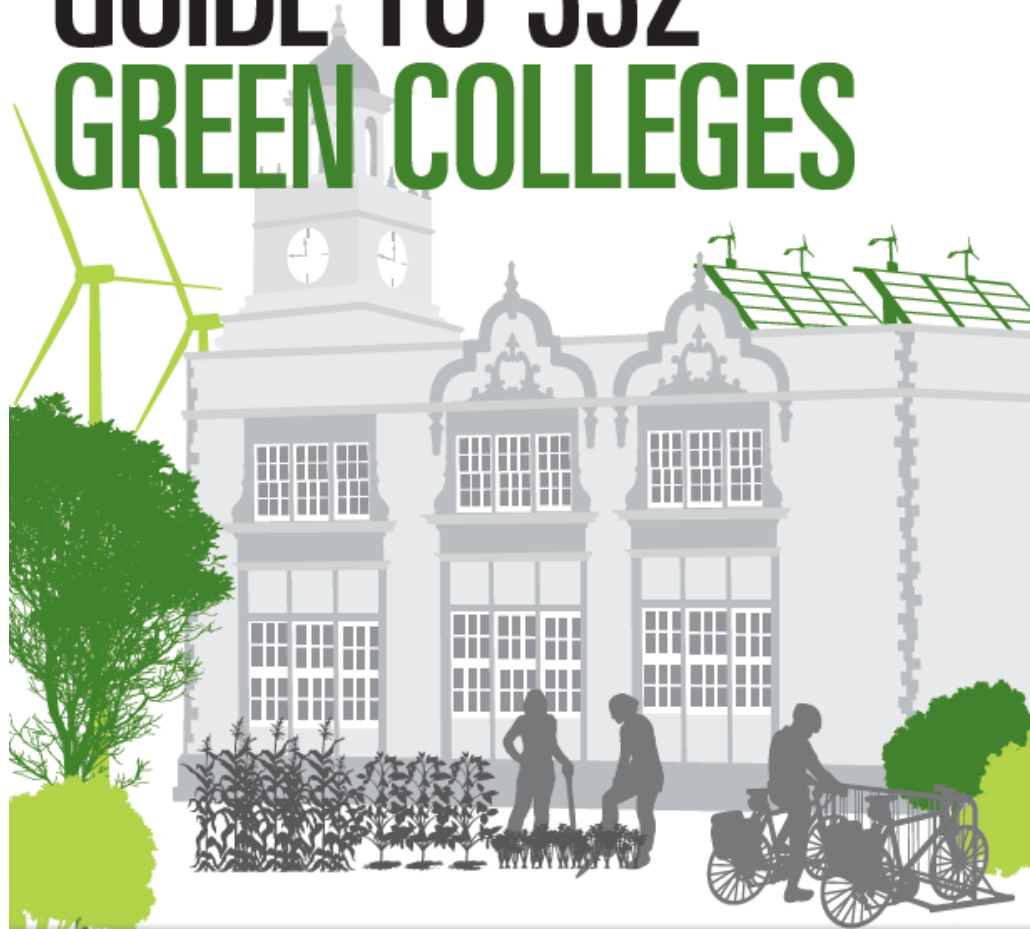
On Campus & Curriculum Ideas



The Princeton Review's

2014 Edition

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GREEN HIGHLIGHTS

Portland State University in Oregon offers every student the opportunity to gain hands-on experience addressing complex sustainability issues—both inside the classroom and out in the community. A 10-year, \$25 million gift from the James F. and Marion L. Miller Foundation in 2008 jumpstarted Portland State's excellence in sustainability research, teaching, and community engagement in programs across campus. PSU's College of Liberal Arts & Sciences faculty are leaders in social sustainability research; the Maseeh College of Engineering & Computer Science is home to globally recognized transportation researchers and a Green Building Research Lab and the College of Urban & Public Affairs continues to push the leading edge of sustainable urban development. As a national leader in community-based learning, PSU puts students to work solving neighborhood-scale sustainability problems, and its campus—home to eight LEED-certified buildings—is a living lab, testing everything from eco-roofs to district-scale energy systems. Freshmen may choose to live in a Sustainability Living Learning Community, while students visiting the LEED Gold Recreation Center can generate energy on exercise equipment and flush with rainwater. They can apply their learning in the real world with a Senior Capstone course, turn ideas into action with sustainability volunteer groups, and pursue a graduate certificate in sustainability. PSU's Institute for Sustainable Solutions serves as a hub for supporting student leadership training, cross-disciplinary research, and a curriculum that prepares students for change-making careers.

Green Facts

% food budget spent on local/organic food	51
Available transportation alternatives: bike share, indoor and secure bike storage, shower facilities, and lockers for bicycle commuters, school developed bicycle plan, free or reduced price transit passes and/or free campus shuttle	
School has formal sustainability committee	Yes
% of new construction LEED-certified	100
Waste-diversion rate (%)	35
Sustainability-focused degree available	Yes
% of graduates required to take a sustainability related course	100

Student Body

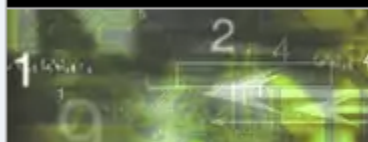
Total undergrad enrollment	23,170
# of applicants	5,573
% of applicants accepted	80
% of acceptees attending	32
Average HS GPA	3.4
Range SAT Critical Reading	450–590
Range SAT Math	450–570
Range SAT Writing	440–560
Range ACT Composite	19–26

Cost

Annual in-state tuition	\$6,156
Annual out-of-state tuition	\$21,375
Required fees	\$1,608
Room and board	\$10,368
% needy undergrads receiving need-based scholarship or grant aid	78
% undergrads receiving any aid	56



Funding



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Environmental Sustainability

CONTACTS

Name	Email	Phone	Room
Bruce Hamilton	bhamilto@nsf.gov	(703) 292-7066	565 S

PROGRAM GUIDELINES

Apply to PD 14-7643 as follows:

For full proposals submitted via FastLane: standard [Grant Proposal Guide](#) proposal preparation guidelines apply.

For full proposals submitted via Grants.gov: the *NSF Grants.gov Application Guide; A Guide for the Preparation and Submission of NSF Applications via Grants.gov Guidelines* applies. (Note: The *NSF Grants.gov Application Guide* is available on the Grants.gov website and on the NSF website at: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=grantsgovguide)

Important Information for Proposers

A revised version of the *NSF Proposal & Award Policies & Procedures Guide* (PAPPG) (NSF 15-1), is effective for proposals submitted, or due, on or after December 26, 2014. The PAPPG is consistent with, and, implements the new Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) (2 CFR § 200). Please be advised that the guidelines contained in NSF 15-1 apply to proposals submitted in response to this funding opportunity.

DUE DATES

Full Proposal Window: October 1, 2015 - October 20, 2015
October 1 - October 20, Annually Thereafter

SYNOPSIS

RESEARCH METHODS

Fall 2007

Registration # 91195

Class: Tuesdays and Thursdays: 11:00 am - 12:15 pm, Votey 220

<u>Instructors:</u>	Prof. Adrian J. Ivakhiv Course Director	Prof. Laurie Kutner Research Co-Instructor	Prof. Saleem H. Ali Director, Alt. Section
<u>Office:</u>	Bittersweet	Bailey/Howe Lib. 122	Bittersweet
<u>Telephone:</u>	656-0180	656-2213	656-0173
<u>E-mail:</u>	Adrian.Ivakhiv@uvm.edu	Laurie.Kutner@uvm.edu	Saleem.Ali@uvm.edu
<u>Office hours:</u>	<u>Tu</u> 2:30-5:00, <u>Th</u> 9:30-10:30	<u>Wed</u> 3:30-4:45	

Brief description

Planning, design, and methods of research for the ENVS 202 senior thesis or project, required of all ENVS majors. Includes literature review and proposal writing. Three hours. (Not offered for graduate credit.)

Course Prerequisites

Students in this class are required to have taken ENVS 1, 2, and 151, and to have an approved ENVS Major Plan and a Research Essay from ENVS 151.

Course Goals

This course is designed to guide and assist you during the preparation and first stages of your senior thesis or project. To that end, you will be expected to

- clarify and refine the topic and questions you want to focus on in your thesis/project and the appropriate learning and research approaches by which to answer those questions;
- establish the context within which your topic is important;
- contact at least three on-campus professionals with expertise in the topic and/or research methods that you propose to use;
- write a literature review that establishes precedents for your research project;

Environmental Design 101 - Library Research

This guide was created to specifically help students in the ENVD 101 course with their library research assignment.

Last Updated: Oct 10, 2014 | URL: <http://guides.lib.ndsu.nodak.edu/ENVD101> | [Print Guide](#) | [RSS Updates](#)

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Library Research Assignment Information

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 This Guide

Design Competitions

Below is a listing of the design competitions related to this assignment. Check the Blackboard course site to find out which competition has been assigned to you.

- [Elevator Annual](#)
Click on "Elevator Annual" banner
- [Mexico City Design Museum](#)
Click on "Mexico City Design Museum" banner
- [Milan World Expo Pavilion](#)
Click on "Milan World Expo Pavilion" banner
- [Pacific Heights Ocean Skyscraper](#)
Click on "Pacific Heights" banner
- [Space Grand Prize 2014](#)
Click on "prize" then click on "Architectural Design 2014" banner
- [The Next Big One](#)
- [Triumph Pavilion 2015: Sky Pavilion](#)
Click on "Triumph Pavilion 2015: Sky Pavilion" banner
- [Vision42 Design Competition](#)
- [Walk This Way](#)

[Comments \(0\)](#)

Overview/Description of the Library Research Assignment

ENVD 101 Library Research Assignment

You have been assigned a design competition for this library research assignment. The assignments are posted on the course Blackboard page. There are also links provided on the LibGuide here, to the left of the assignment description. You have previously registered for your design competition and have identified your design team. In your second (design team determination) assignment you identified a list of issues and information you needed in order to start your design work. Included in that list you identified the following four pieces of information that you need and should research:

Project typology
History of the region and/or the company
Sustainability issues specific to this project

Where will you go for the information? The library! That is the essence of this assignment.

Assignment:

1. For each of the three issues listed above write a short description of why the issue is important for your competition and locate at least three different library sources of information for that issue. For each source located provide full citations in APA style, location where it is available, and the call number (if it is owned by the library). Sources for each issue must be from a variety of resources including books, magazines, internet, newspapers, etc.

2. Write a brief statement describing the strategy that you used to identify the necessary information and the strategy that you used to find it.

Library staff is always available to help you if you run into a snag. It will take several hours.

Learning Objectives:

- Find appropriate evidence and/or information about a topic
- Identify and select information sources and retrieval systems in a variety of forms.
- Implement a search strategy for identifying pertinent information
- Identification of environmental concerns related to a project.
- Organize ideas in a coherent structure.
- Communicating information using graphic and written forms.

Architecture & Visual arts Librarian / Interim Technical Services Librarian



Jenny Grasto

Contact Info

Main Library, Rm 120D

Phone: 701.231.6462

[Send Email](#)

Links:

[Profile & Guides](#)

Subjects:

[Architecture](#), [Landscape Architecture](#), [Business](#), [Visual Arts](#)

Library Juice Academy

ONLINE PROFESSIONAL DEVELOPMENT FOR LIBRARIANS

LJA

[COURSES](#) [INSTRUCTORS](#) [FAQ](#) [TESTIMONIALS](#) [DISCOUNTS](#) [BLOG](#) [STUDENT LOGIN](#)

The Sustainability Movement on Campus: Forming a Library Action Plan for Engagement

Instructors: [Madeleine Charney](#) and [Jamie Conklin](#)

Dates: May 4-29, 2015

Credits: 1.5 CEUs

Price: \$175

[REGISTER](#)

This course focuses on the role of the academic librarian in the sustainability movement which is sweeping across U.S. campuses. A proliferation of sustainability courses, programs and related activities bears witness to a paradigm shift in our society. A trans-disciplinary area of study, sustainability stretches beyond environmental awareness to include issues of economic viability and social justice concerns. This comingling of subject areas offers limitless opportunities for collaboration and cross-pollination between librarians and the faculty, students, staff and administrators they support. Emphasis will be on the curriculum with a preliminary exploration of how facilities management and co-curricular activities tie into the teaching and learning of sustainability.

Appendix I: A Few Global Resources



WORLD
RESOURCES
INSTITUTE

<http://www.wri.org/>

What We Do Where We Work Publications Maps & Data Blog News Events About

Climate Energy Food Forests Water Sustainable Cities BUSINESS ECONOMICS




Russia's New Climate Plan May Actually Increase Emissions

Under Russia's new post-2020 climate change commitment, the country could actually increase its emissions 40-50 percent above current levels by 2030.

[READ MORE](#)



California Sleepwalks into Water Crisis



Five Key Questions for the Asian Infrastructure Investment Bank



Why We Need Solutions at Scale to Solve Today's Urban Challenges

WRI: 26 Data Visualization Tools



WORLD
RESOURCES
INSTITUTE

Other Sites 

M

[What We Do](#)

[Where We Work](#)

[Publications](#)

[Maps & Data](#)

[Blog](#)

[News](#)

[Climate](#)

[Energy](#)

[Food](#)

[Forests](#)

[Water](#)

[Sustainable Cities](#)

[BUSINESS](#)

[ECONOMICS](#)

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[GOVERNANCE](#)

[Home](#) → [Maps & Data](#) → [Data Visualizations](#)

MAPS & DATA

[Charts & Graphs](#)

[Data Visualizations](#)

[Data sets](#)

[Maps](#)

[Presentations](#)

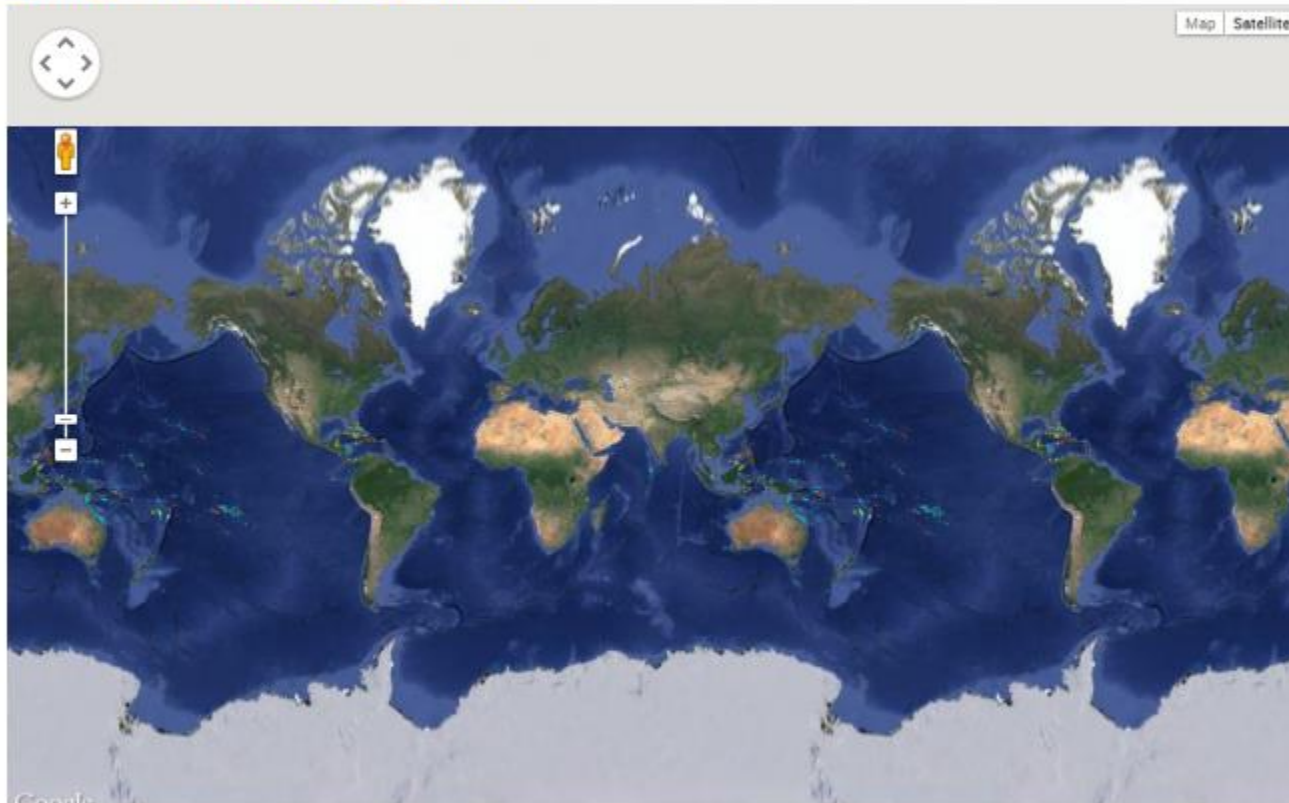
[Videos](#)

DATA VISUALIZATIONS

WRI produces a variety of data visualizations to effectively communicate our research and analysis. Browse and download our full list of available infographics and visualizations.

Online Global Reefs Map

LAUNCH THE INTERACTIVE MAP →

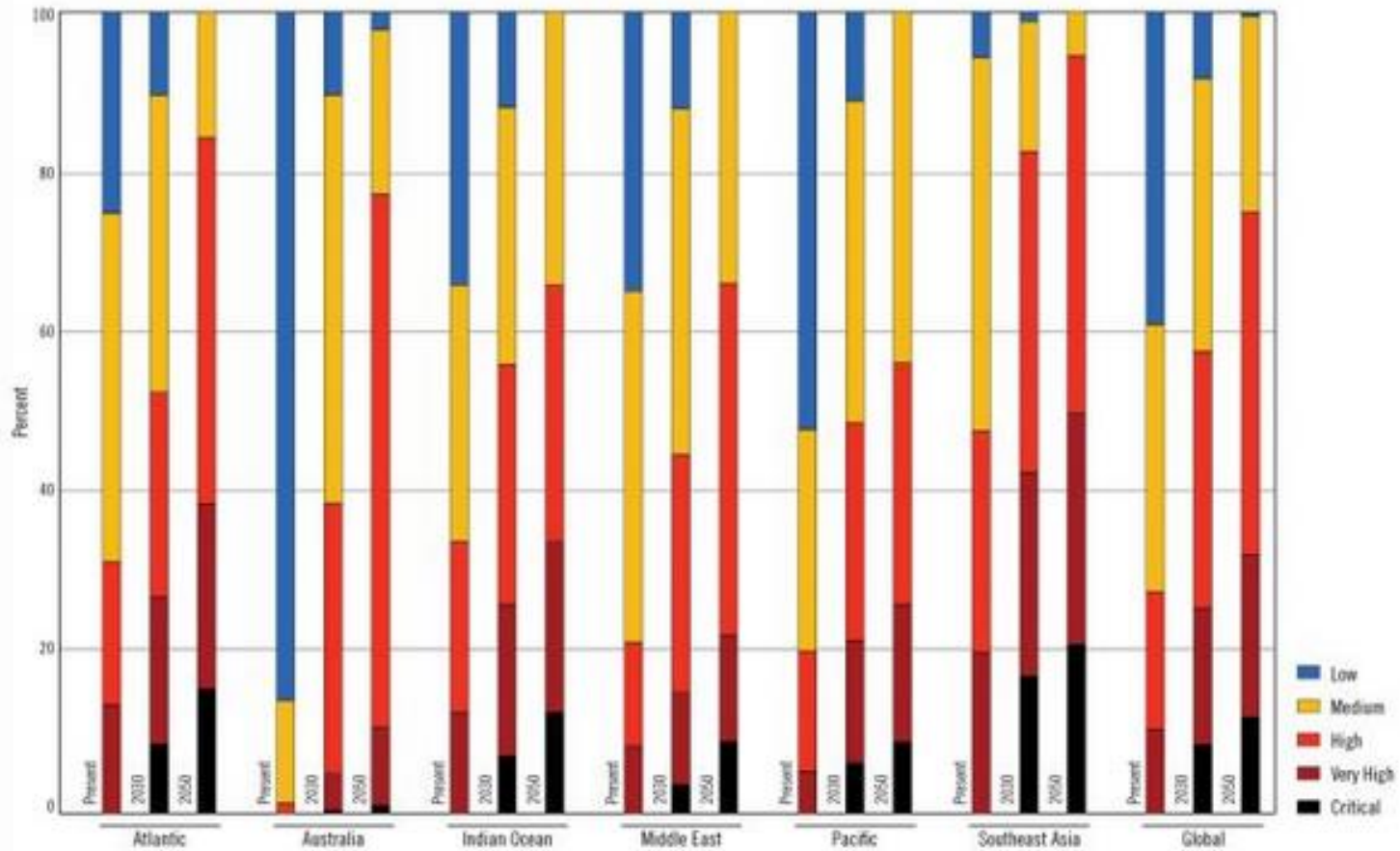


Coral Reefs of the World Classified by Threat from Local Activities

Coral reefs are classified by estimated present threat from local human activities, according to the Reefs at Risk Revisited integrated local threat index. The index combines the threat from the following activities: overfishing and destructive fishing, coastal development, watershed-based pollution, and marine-based pollution and damage.



REEFS AT RISK PROJECTIONS: PRESENT, 2030, AND 2050



Note: "Present" represents the Reefs at Risk integrated local threat index, without past thermal stress considered. Estimated threats in 2030 and 2050 use the present local threat index as a base and also include projections of future thermal stress and ocean acidification. The 2030 and 2050 projections assume that current local threats remain constant in the future, and do not account for potential changes in human pressure, management, or policy, which could influence overall threat ratings.

Source: World Resources Institute, *Reefs at Risk Revisited*, 2011.

Blue: Low Yellow: Medium Red: High Dark Red: Very High Black: Critical





Reefs at Risk Revisited

Under the Reefs at Risk Revisited project, WRI and its partners have developed a new, detailed assessment of the status of and threats to the world's coral reefs. This information is intended to raise awareness about the location and severity of threats to coral reefs. These results can also catalyze opportunities for changes in policy and practice that could safeguard coral reefs and the benefits they provide to people for future generations.

The data files include GIS data sets and KML files for use in Google Earth and other map applications that support KML.

GIS Data Sets

- Base Data:[Data](#) and [GIS Base Data: Meta Data](#)
- Global Threats:[Data](#) and [GIS Global Data: Meta Data](#)
- Local Threats:[Data](#) and [GIS Local Threats Data: Meta Data](#)
- Local Threats (Vector Only):[Data](#) and [GIS Local Threats \(Vector Only\) Data: Meta Data](#)

KML Data Sets

Use these files in [Google Earth](#) and other map applications that support KML.


[Local & Global Threats in 2050 \(3.1 Mb\)](#)

[Local & Global Threats in 2030 \(3.1 Mb\)](#)

[Local Threats: Present \(3.1 Mb\)](#)

Technical Documentation:

[Technical Notes \(PDF, 338 Kb\)](#)

 DATA SET

DATE ADDED:

February 2011

PROJECT:

[Reefs at Risk](#)

PRIMARY CONTACT:

[Lauretta Burke](#)

China

IPE: Institute of Public and Environmental Affairs

www.ipe.org.cn/En/default.aspx

IPFW cataloging wordpress Local University Jobs applying to archives random Ideas for Website sustainability

中文 Register Sign in


IPE 公众环境研究中心
Institute of Public & Environmental Affairs

Home Pollution Map Green Choice Alliance IPE Notices Environment & Health IPE Reports


GREEN CHOICE: GREENING GLOBAL MANUFACTURING AND SOURCING
绿色选择--推动全球生产和采购实现绿色转变

1 2 3 4 5


Pollution Map 污染地图

 Click here to view environmental data from various regions in China. Our aim is to expand information disclosure to allow communities to fully understand the hazards and risks in their environment, thus promoting widespread participation in environmental governance.
▶ more

Green Choice 绿色选择倡议

 A coalition of NGOs promoting a global green supply chain by urging corporations to concentrate on sustainable procurement and the environmental performance of their suppliers. The GCA encourages consumers to exercise their purchasing power by making green choices.
▶ more

IPE Notices IPE公告

 2015.04.10
2015.04.10
2015.04.10
▶ more

China Map from IPE:

Institute of Public and Environmental Affairs, in Beijing





Publishing Pollution Data in China: Ma Jun and the Institute of Public and Environmental Affairs

Sections

- ◉ Title Page
- ◉ Introduction
- ◉ Becoming an environmentalist
- ◉ Obstacles to enforcement
- ◉ "We must fight with data"
- ◉ **China Pollution Maps launched**
- ◉ Taking on supply chains
- ◉ Pollution Information Transparency Index
- ◉ Tainted milk, heavy metals—and more
- ◉ Poison Apple
- ◉ Green investment
- ◉ Blueprint for blue skies
- ◉ Real-time data begins
- ◉ Real-time dilemma
- ◉ Appendix 1
- ◉ Appendix 2
- ◉ Appendix 3
- ◉ Appendix 4

Download this case as a PDF

HOME

China Pollution Maps launched

In May 2006, Ma Jun founded the non-profit Institute of Public and Environmental Affairs in Beijing, with just two staffers. (The number would grow to eight by 2010, and double again by late 2013.) His mission was to do something with his research into water mismanagement that would motivate a public response. First, he had to build a database. IPE used public records, mainly from EPBs, as well as reports published in official media. None was a "state secret." Three kinds of information, dating back to 2004, went into the database:

Environmental quality indicators—levels of specific greenhouse gases and pollutants in the air and water, by city, province and river basin

Emissions data—aggregate levels of industrial and domestic discharge of specific pollutants, by city, province and river basin

Environmental supervision records—details of incidents in which companies had been fined or cited by environmental authorities

In September 2006, IPE released its first product, the so-called China Water Pollution Map. Fifteen months later, in December 2007, it launched a companion China Air Pollution Map. Though simple in concept and design, these became transformative tools in China's burgeoning environmental movement. Having the information in one place, in a

Biographies

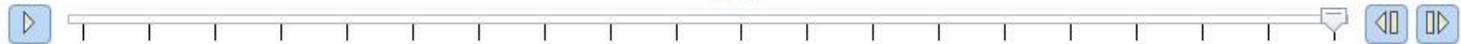
- ◉ Ma Jun
- ◉ Gu Beibei
- ◉ Matthew Col



Four interactive maps available from the European Environment Agency

You are here: Home / Data and maps / Interactive maps / Nitrates in rivers

Nitrates in rivers

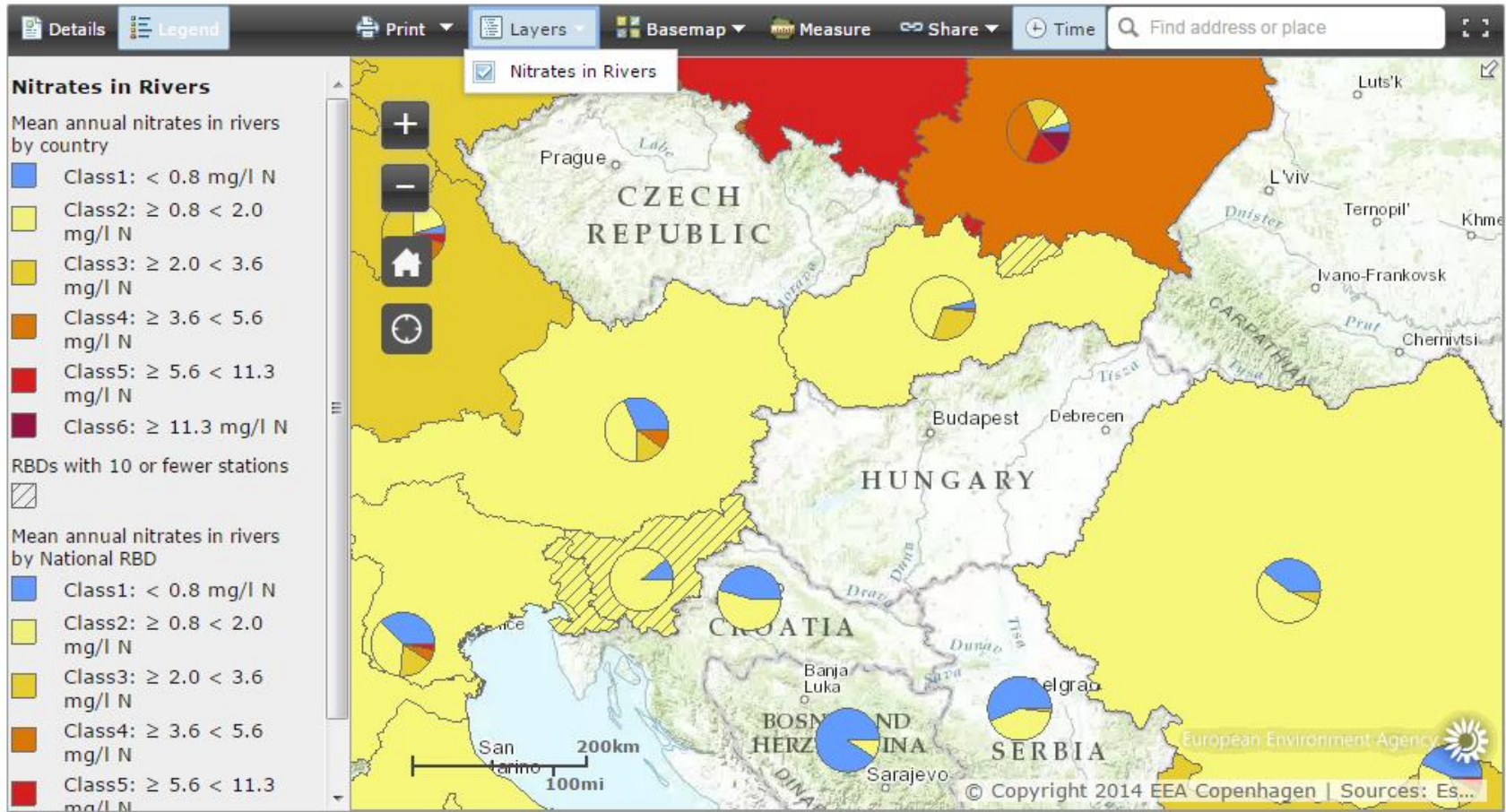




Nitrates in Rivers

You are here: Home / Data and maps / Interactive maps / Nitrates in rivers

Nitrates in rivers



2011



Datasets from EEA



You are here: Home / Data and maps / Datasets

Datasets

Downloadable data about Europe's environment.

More filters

Topics

- All (8)
- Water (8)

Featured datasets

- European Red Lists
- Monitoring of CO2 emissions from passenger cars – Regulation 443/2009
- National emissions reported to the UNFCCC and to the EU Greenhouse Gas Monitoring Mechanism
- Waterbase - UWWTD: Urban Waste Water Treatment Directive – reported data
- Natura 2000 data - the European network of protected sites

Search dataset

river

all items in current results

Search

1 2 next 3 items »

Waterbase - Emissions to water

03 Jun 2014

Emissions to water are an important element (describing the pressure) in assessment of the state of Europe's environment (SoE). This database contains data on emissions of nutrients and hazardous substances to water, aggregated within River Basin Districts (RBDs), in the EEA member countries. The reporting process, endorsed by the Water Directors, and this publication of the data, enables all stakeholders to use the data and contributes to streamlining with other reporting processes.

Read more

Transitional and Coastal reference layers

29 Oct 2013

"Transitional waters" are bodies of surface water in the vicinity of river mouths which are partly saline in character as a result of their proximity to coastal waters but which are substantially influenced by freshwater flows, while "Coastal water" means surface water on the landward side of a line, the position of which is at a distance of approximately 100 km from the coast.

Current search

- Topics All (107)
- Quick links All
- Results per page 5
- Search dataset river

Hide filters Remove all

Geographic coverage

- EU25
- EU27
- EU28
- EU12
- EU15
- EFTA4

More

Quick links

Appendix II: Additional U.S. Resources



Web Soil Survey

You are here: Web Soil Survey Home

Search

Enter Keywords
All NRCS Sites

Browse by Subject

- ▶ Soils Home
- ▶ National Cooperative Soil Survey (NCSS)
- ▶ Archived Soil Surveys
- ▶ Status Maps
- ▶ Official Soil Series Descriptions (OSD)
- ▶ Soil Series Extent Mapping Tool
- ▶ Geospatial Data Gateway
- ▶ eFOTG
- ▶ National Soil Characterization Data
- ▶ Soil Quality
- ▶ Soil Geography

The simple yet powerful way to access and use soil data.



Welcome to Web Soil Survey (WSS)



Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties and

anticipates having 100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. For more detailed information, contact your local [USDA Service Center](#) or your [NRCS State Soil Scientist](#).

Four Basic Steps

1 Define.



Use the **Area of Interest** tab to define your area of interest.

I Want To...

- Start Web Soil Survey (WSS)
- Know the requirements for running Web Soil Survey — will Web Soil Survey work in my web browser?
- Know the Web Soil Survey hours of operation
- Find what areas of the U.S. have soil data
- Find information by topic
- Know how to hyperlink from other documents to Web Soil Survey
- Know the SSURGO data structure

Announcements/Events

- Web Soil Survey 3.1 has been released! [View description of new features and fixes.](#)
- [Web Soil Survey Release History](#)
- ✉ [Sign up for e-mail updates via GovDelivery](#)

I Want Help With...

- [Getting Started With Web Soil Survey](#)
- [How to use Web Soil Survey](#)
- [How to use Web Soil Survey Online Help](#)



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We are the nation's most respected bipartisan organization providing states support, ideas, connections and a strong voice on Capitol Hill.


Table 1: Enacted 2013 Efficient Building Legislation

The box allows you to conduct a full text search or use the dropdown menu option to select a state.

State	Bill or Resolution	Summary
Arkansas	AR S 340	Amends the Guaranteed Energy Cost Savings Act to allow state agencies to use maintenance and operations appropriations for debt service related to a guaranteed energy cost savings contract.
California	CA A 221	Revises the definition of recycled concrete in existing law to additionally include, as one of certain specifications, the California Green Building Standards Code.
	CA A 341	Requires the Building Standards Commission and agencies that propose green building standards to allow for input by other state agencies that have expertise in green building subject areas. Requires the process by which these state agencies shall submit suggested changes to be adopted as administrative regulations that include certain elements. Authorizes the expenditure of certain funds for updating of green building standards, a guideline update and training for local building officials.
	C A A 628	Authorizes the Humboldt Bay Harbor, Recreation and Conservation District and specified harbor and port districts, jointly with an electrical corporation, gas corporation, community choice aggregator or publicly owned electric or gas utility serving the district, to prepare one or more energy management plans to reduce air emissions and promote economic development through the addition of new business and the retention of existing businesses in the district. Also includes provisions on public education on the initiative.
Connecticut	CT H 6524	Allows for less frequent revisions to the State Building Code and requires building officials to ensure that inspections are done by the appropriate licensed inspectors.
Delaware	DE SCR 34	Establishes a "Green and Better Building Advisory Committee."
Georgia	GA HR 704	Encourages statewide participation in Green Apple Day of Service presented by the Center for Green Schools at the U.S. Green Building Council.

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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Surf Your Watershed Home

Adopt Your Watershed

Help

Surf Your Watershed

Find your [watershed](#) using the form below. Once you locate your watershed, simply click on the first link, "citizen-based groups at work in this watershed," to find a listing of organizations that are working to protect water quality. You may wish to contact one of these groups to find out about cleanups, monitoring activities, restoration projects and other activities.

Find Your Watershed

Enter your ZIP:

[More info](#)

[Add this widget to your page](#)

EPA's Office of Watersheds, Oceans, and Watersheds Programs

This video tutorial on Surf Your Watershed shows how to locate your watershed, learn about its health, and connect with local watershed groups through Adopt Your Watershed.

Find your watershed

Step 1) Pick your geographic unit:

Zip Code (5 digit number)

City Name

Watershed Name (Name associated with 8 digit HUC code)

State (2-character state abbreviation)

Stream (Stream name and state abbr., e.g., Fall Creek, NC)

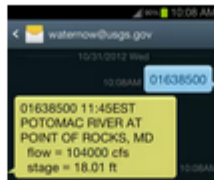
http://cfpub.epa.gov/surf/locate/index.cfm



Water Now

WaterNow@usgs.gov

How can I quickly get current water conditions that are important to me, such as water levels, streamflow, or temperatures? How do I find locations where these data are available?



WaterAlert

How can I be alerted to water conditions that exceed thresholds that are important to me, such as high water levels or temperatures? How do I find locations where these alerts may be available?



Real-time streamflow

Where is the USGS collecting and transmitting real-time streamflow data right now? How does flow today compare with historical streamflow? How can I see these sites on a map and get to the data? ([Fact Sheet](#))



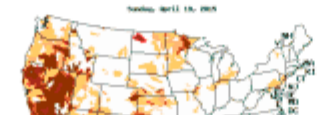
Real-time flood data

Where in the Nation are floods or very high flows occurring now? How can I see these sites on a map and get to the data?



Real-time drought data

Where in the Nation are droughts or very low flows occurring now? How can I see these sites on a map and get to the data?



Water Then

Annual water data reports

Can I see all of the locations where the USGS has published water resources data for a particular year? How can I see these sites on a map and get to the data?



You can retrieve data using a [map](#) or a [search form](#).

Instantaneous streamflow data (prior to 2007)

I want to find long-term streamflow data reported in short time intervals (such as 15 minutes or 1 hour) rather than as daily averages. Where can I see a list of those sites and get to the data?



National Water Quality Assessment

The NAWQA program provides a search to physical, chemical, and sediment data that have been collected as part of the national program. ([Fact Sheet](#))



BioData - Aquatic Bioassessment Data for the Nation

The USGS BioData Retrieval system provides public access to aquatic bioassessment data (biological community and physical habitat data) collected by USGS scientists from stream ecosystems across the nation.



Water use in the United States

Use of water in the United States is tracked

