

2001 Federal Depository Library Conference  
Agency Update: USEPA  
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## Overview

- 1. Previous Presentations
  - LandView III and IV: Viewer for EPA, Census, and USGS Data and Maps (Schools and Libraries)
  - Digital Library of the State of the Environment
- 2. EPA Library Network Program
  - 30 Years of Environmental Librarianship
  - Core List for an Environmental Reference Collection
- 3. Environmental Terminology
  - General Environmental Multilingual Thesaurus
  - Environmental Terminology Web Page
  - Terminology Reference System

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## Overview (continued)

- 4. Content Networks
  - eXtensible Markup Language and Peer-to-Peer Computing
  - Environmental Node on a FedGov Content Network
  - Permanent Public Access Archive
- 5. LandView 5 Featuring Census 2000 Data
  - Preview for New Castle, DE
  - Custom CD-ROM Service on a State-by-State Basis
  - National on Two DVDs
- 6. Questions and Answers

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## 1. Previous Presentations

- 7<sup>th</sup> Annual Conference:
  - LandView III and the Digital Library of the State of the Environment.
- 8<sup>th</sup> Annual Conference:
  - How to Use the Digital Library of the State of the Environment on the Web and on a Web-connected CD/DVD-ROM.

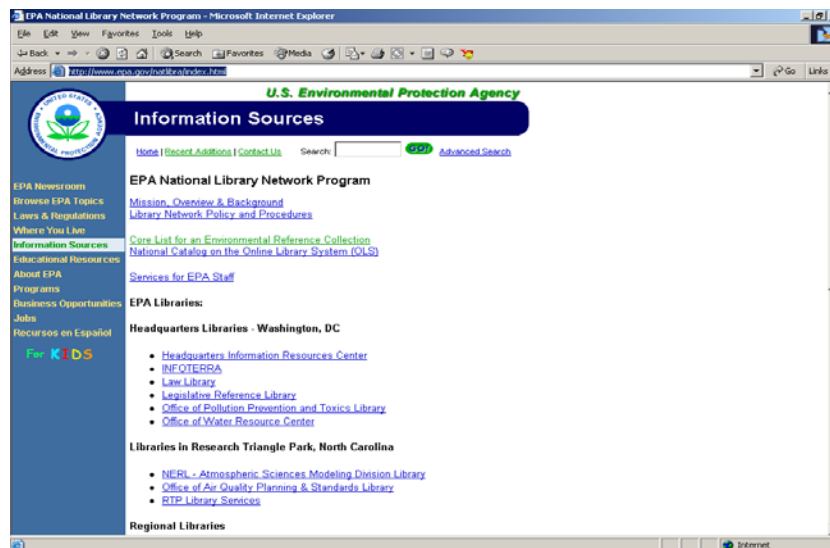
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## 2. EPA Library Network Program

- 30 Years of Environmental Librarianship
  - <http://www.epa.gov/natlibra/index.html>
  - Annual Conference, July 2001:
    - Jonda Byrd, 10 Year Service Award for Program Leadership
    - Richard Huffine, New Program Manager
- Core List for an Environmental Reference Collection
  - <http://www.epa.gov/natlibra/core/coretoc.htm>

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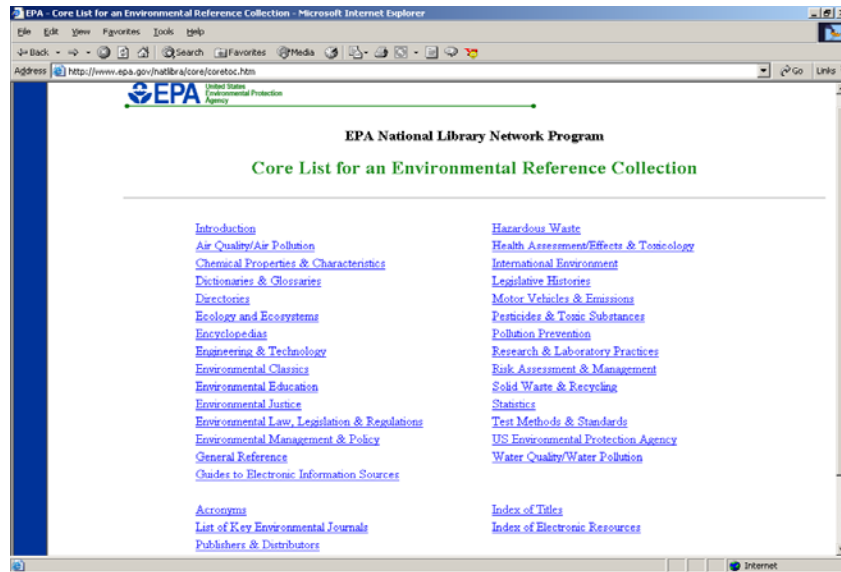
## EPA National Library Network Program Web Page



The screenshot shows a Microsoft Internet Explorer browser window displaying the EPA National Library Network Program web page. The browser's address bar shows the URL <http://www.epa.gov/natlibra/index.html>. The page features the EPA logo and the text "U.S. Environmental Protection Agency". The main heading is "Information Sources". Below this, there is a search bar and a "Go" button. The page is organized into several sections: "EPA National Library Network Program" with links for "Mission, Overview & Background" and "Library Network Policy and Procedures"; "Core List for an Environmental Reference Collection" with a link to "National Catalog on the Online Library System (COLS)"; "Services for EPA Staff"; "EPA Libraries" which is divided into "Headquarters Libraries - Washington, DC" (listing: Headquarters Information Resources Center, INFOTERRA, Law Library, Legislative Reference Library, Office of Pollution Prevention and Toxics Library, Office of Water Resource Center) and "Libraries in Research Triangle Park, North Carolina" (listing: NERL - Atmospheric Sciences Modeling Division Library, Office of Air Quality Planning & Standards Library, RTP Library Services); and "Regional Libraries". A left sidebar contains various navigation links such as "EPA Newsroom", "Browse EPA Topics", "Laws & Regulations", "Where You Live", "Information Sources", "Educational Resources", "About EPA", "Programs", "Business Opportunities", "Jobs", and "Recursos en Español".

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## Core List for an Environmental Reference Collection



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## 3. Environmental Terminology

- General Environmental Multilingual Thesaurus
  - Order CD-ROM:  
[http://www.mu.niedersachsen.de/cds/etc-cds\\_neu/software.html#GEMET](http://www.mu.niedersachsen.de/cds/etc-cds_neu/software.html#GEMET)
  - Slide Show Demo:  
[http://www.mu.niedersachsen.de/cds/etc-cds\\_neu/thes\\_slide\\_home.html](http://www.mu.niedersachsen.de/cds/etc-cds_neu/thes_slide_home.html)
- Environmental Terminology Web Page
  - <http://www.sdi.gov/Environmental%20Terminology%20-%20Homepage.htm>
- Terminology Reference System
  - <http://www.epa.gov/trs/>

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# General Environmental Multilingual Thesaurus

Click through the Slideshow and visit the different displays of the Thesaurus Visualisation Tool

1. **Start Display**
2. **Systematic View** placed at the left frame, at the right frame the **Detail Window** (details related to the marked term)
3. After switching to the **Alphabetic View** - all terms are displayed in alphabetic order - avoid scrolling by entering strings into the **Find Field** at the right side
4. After switching to a related term by clicking on a Relation Arrow - see **Detail Window**
5. Switching to the **Thematic View All** Themes are displayed in one list
6. **Theme Collection Window**
7. **Term Selection Window**
8. **Term Collection Window** Terms can be collected and transferred into other applications
9. **Options Window** Select and deselect all options (language, hierarchical levels, translations, definitions ...) on own demands

[Back to Software](#)

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# Environmental Terminology Web Page

**AIR**

**Air Pollution Effects**  
"Health Effects Notebook for Hazardous Air Pollutants: Health Effects Glossary," U.S. Environmental Protection Agency, Office of Air Quality Planning and Health Standards  
<http://www.epa.gov/ttn/taqw/hapsec1.html>

**Air Quality**  
"Air Quality Glossary," National Park Service, Air Resources Division  
<http://www.aspl.nps.gov/aspl/glossary.htm> [View PDF](#)

**Atmosphere, Global Warming**  
"Global Warming Glossary," U.S. Environmental Protection Agency, Office of Policy  
<http://www.epa.gov/oppeoel/globalwarming/glossary.html>

**Atmosphere, Ozone Depletion**  
"Ozone Depletion Glossary," U.S. Environmental Protection Agency, Stratospheric Protection Division  
<http://www.epa.gov/doca/spdpublic/defs.html>

**Clean Air Act**  
"The Plain English Guide to the Clean Air Act: Glossary," U.S. Environmental Protection Agency, Office of Air Quality Planning and Health Standards  
[http://www.epa.gov/oar/oaqps/peg\\_ca/pegca10.html](http://www.epa.gov/oar/oaqps/peg_ca/pegca10.html)

**Indoor Air Pollution**  
"Sources of Information on Indoor Air Quality: Glossary of Terms," U.S. Environmental Protection Agency, Office of Indoor Air and Radiation  
<http://www.epa.gov/iaq/glossary.html>

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# Children's Glossaries

The screenshot shows a web browser window titled "Environmental Terminology - Children's Glossaries - Microsoft Internet Explorer". The address bar shows the URL: <http://www.epa.gov/EnvironmentalTerminology/20-%20Children's%20Glossaries.htm>. The page features the EPA logo and a banner for "ENVIRONMENTAL TERMINOLOGY". Below this, there is a section titled "CHILDREN'S GLOSSARIES". On the left, there are two buttons: "Browse Glossaries by Topic" and "Back to E.T. Home Page". The main content area lists several glossaries with their respective URLs and brief descriptions:

- Earth to Kids: Glossary of Terms**, Environmental Defense  
<http://www.edf.org/Earth2Kids/teachers/glossary.html>
- The Fragile Fringe: A Guide for Teaching About Coastal Wetlands**, Glossary, U.S. Geological Survey, National Wetlands Research Center  
[http://www.lacost.gov/Kids/FragileFringe/glossary\\_o.htm](http://www.lacost.gov/Kids/FragileFringe/glossary_o.htm)
- Global Warming: Kids Site, Glossary: Words You Need to Know...**, U.S. Environmental Protection Agency, Office of Policy  
<http://www.epa.gov/oppeoet/globalwarming/kids/glossary/>
- Kids' Action: Glossary**, Rain Forest Action Network  
[http://www.ran.org/ran/kids\\_action/glossary.html](http://www.ran.org/ran/kids_action/glossary.html)
- Kids Corner: Glossary of Renewable Energy Terms and Phrases**, U.S. Department of Energy, The Solar Now Project  
<http://www.eren.doe.gov/solarnow/glossary.htm>
- Looking at Earth from Space: Glossary, An Educational Reference for Teachers: Grades 7-12**, National Aeronautics and Space Administration, Earth Observing System Project Science Office  
[http://eosps.gfc.nasa.gov/Earth\\_Glossary/Intro.html](http://eosps.gfc.nasa.gov/Earth_Glossary/Intro.html)
- N. Trouble and the Enviroonauts: Mission to Earth**, Glossary, U.S. Environmental Protection Agency, Office of Solid Waste  
<http://www.epa.gov/epaoswer/osw/kids/space/glossary.htm>
- Ranger Rick's Kids Zone: Cool Tours. Cool Tours of the Environment: Glossary**, National Wildlife Federation

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# Terminology Reference System

The screenshot shows a web browser window titled "Terminology Reference System (TRS) - Microsoft Internet Explorer". The address bar shows the URL: <http://www.epa.gov/trs/>. The page features the EPA logo and a banner for "Terminology Reference System". Below this, there is a large image with the text "air quality", "water", "treatment", and "policy". The main content area contains the following text:

The Terminology Reference System (TRS) has been created as a single resource of environmental terminology for the Agency by compiling collections of terms from EPA and other sources.

Click on a letter below to retrieve a list of all terms beginning with that letter. Other ways to query TRS information may be found on the [Search](#) page.

**ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890**

Enter a keyword (i.e., pollution) or text string (i.e., regulated substance) to search either a term or definition.

**Keyword:**

**Search Options:**  Containing  Beginning With  Exact Match  
**Selection Options:**  Term Only  Definition Only  Term or Definition

When selecting "Term or Definition", the query performs a "Containing" search option only.

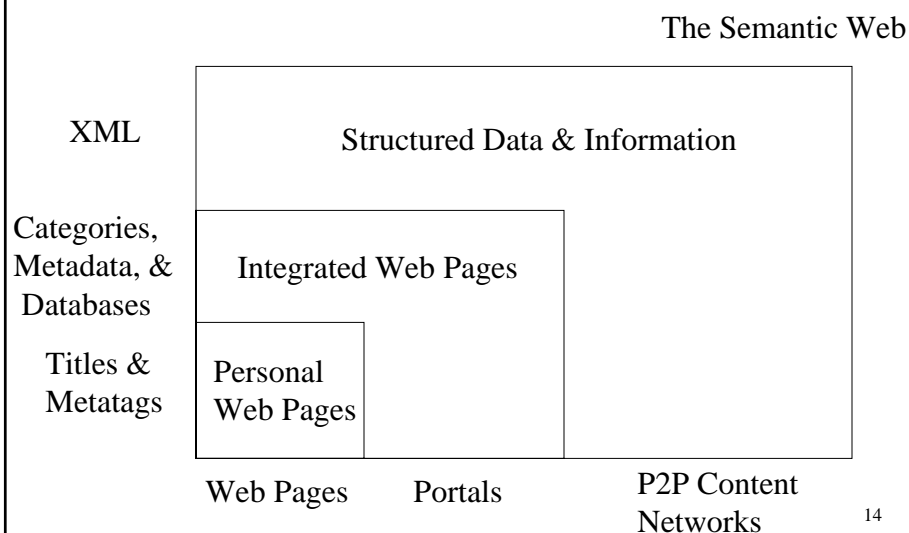
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## 4. Content Networks

- eXtensible Markup Language and Peer-to-Peer Computing
  - “The Big Picture”
  - Portals and Content Networks
  - XML and P2P 101
  - Education and Training
- Environmental Node on a FedGov Content Network
  - Virtual Centralization of Distributed Content
    - USGS Digital Library and Environmental Node
  - Republishing of key content
    - Statistical Abstract of the United States
- Permanent Public Access Archive
  - Index Key Environmental Web sites
  - Archive Key Web Sites with Statistical Data Sets

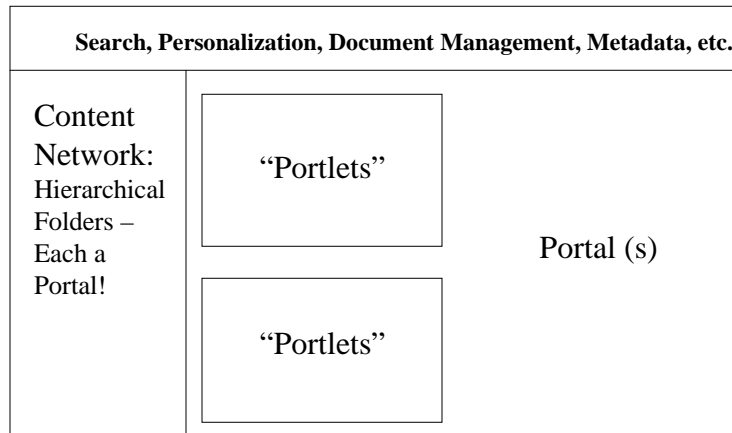
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## “The Big Picture”



# Portals and Content Networks

## NXT 3 Interface



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## XML 101

- eXtensible Markup Language (XML) is an incredibly powerful system for managing information. Use it with many other technologies (Java, ASP-Active Server Pages, etc.) HTML defines how elements are displayed; XML defines what those elements contain.
- Corporate and government information is undervalued and hidden because it is trapped in proprietary formats and “stovepipe” systems so it is not fully accessible and is difficult and expensive to integrate.
- XML make information more accessible and interoperable and “future proofs” it from periodic technology change.

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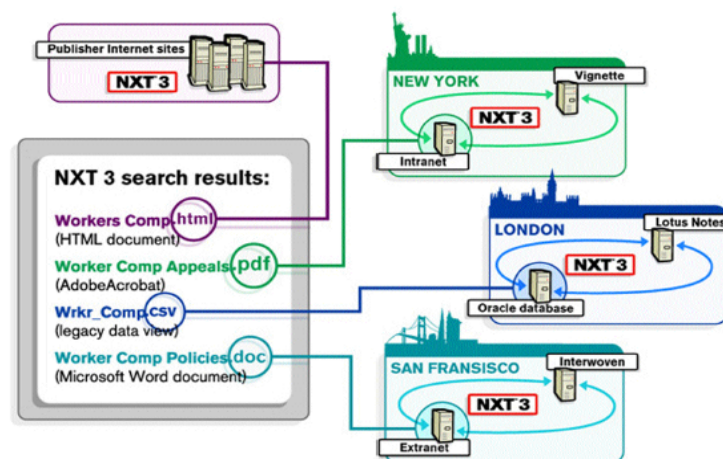


# P2P 101

- P2P Collaboration – Turn desktop PC into a server that directly shares data with other PCs.
- P2P Networking – Each node in the network functions as both server and client without the need for central systems.
- P2P Technology – Just like the Internet – fast, flexible, and decentralized. (Ossi Urchs, Internet Guru)
- P2P and Web Services – Both are about Web servers communicating with one another.

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## **NXT 3 PEER TO PEER CONTENT NETWORK**



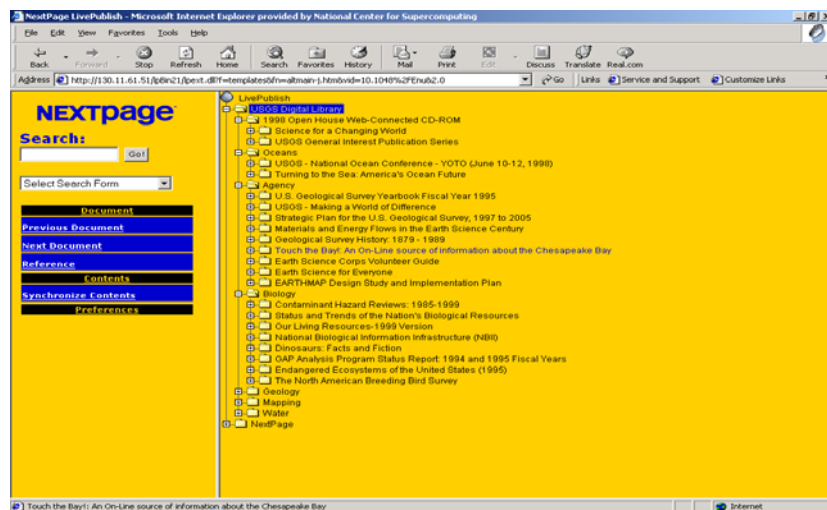
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# Education and Training

- Commercial
  - See Federal Webmasters Organization
    - <http://www.fedweb.org>
- Web
  - See W3Schools
    - <http://www.w3schools.com/xml/>
- Government
  - See Federal XML Working Group
    - <http://www.xml.gov>
  - See GPO Institute of Federal Printing and Electronic Publishing
    - <http://www.gpo.gov/ifpep/catalog/xmlweb.html>

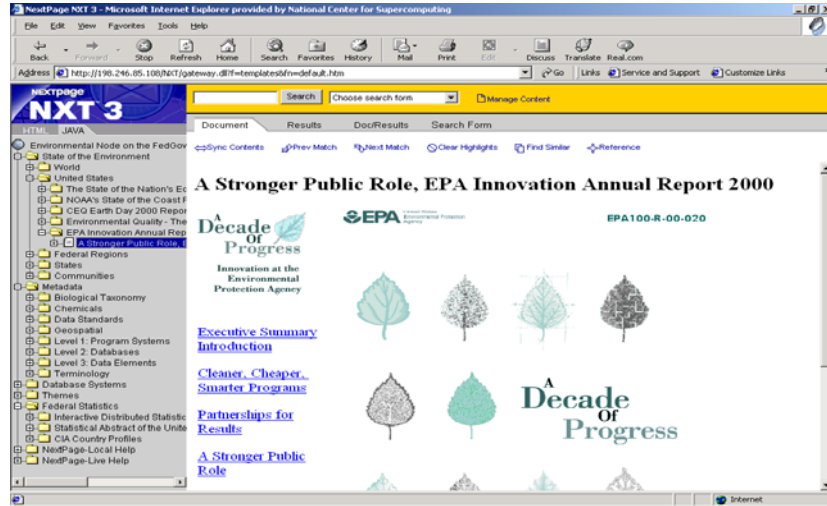
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# USGS Earth Science Digital Library



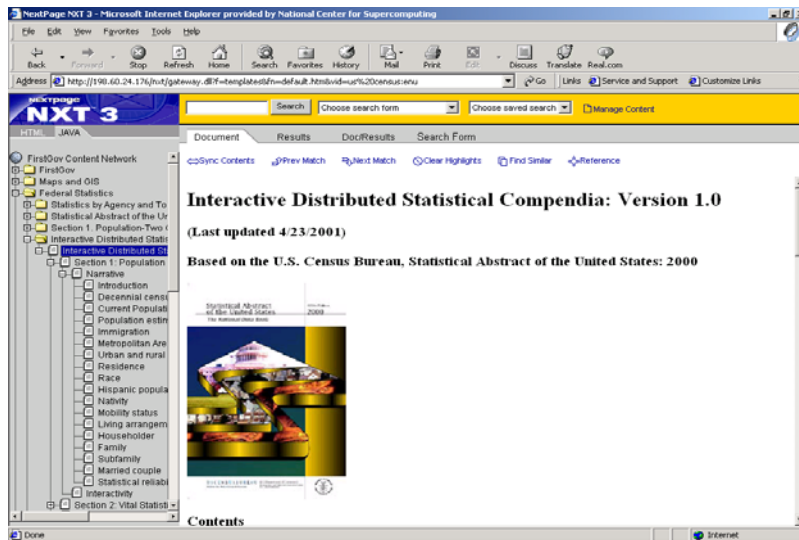
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# Environmental Node



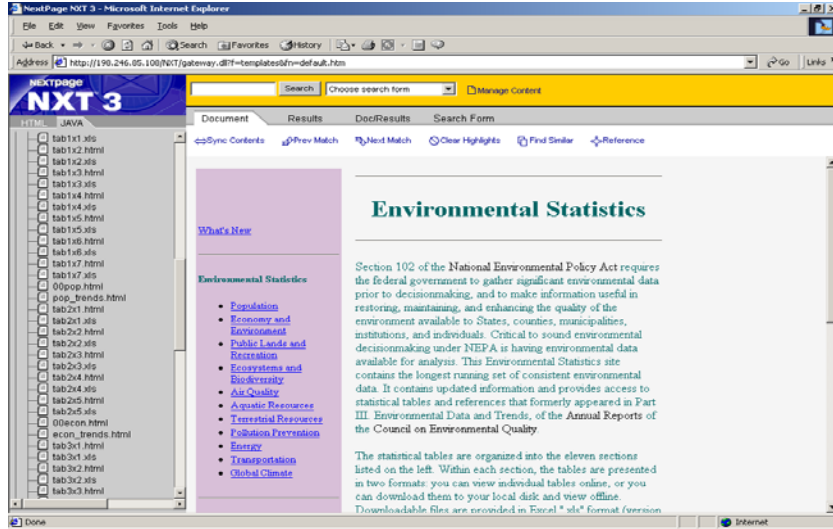
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# Republishing of the Annual Statistical Abstract



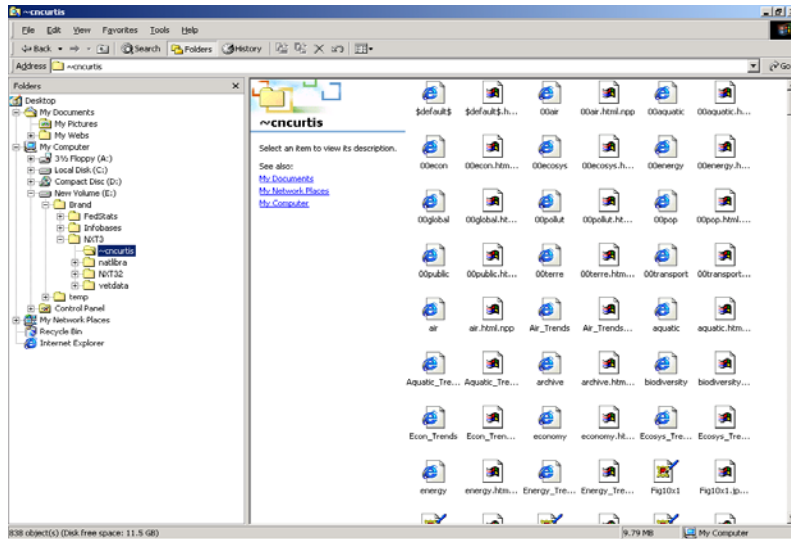
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# Index Key Environmental Web Sites



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# Archive Key Web Sites with Statistical Data Sets



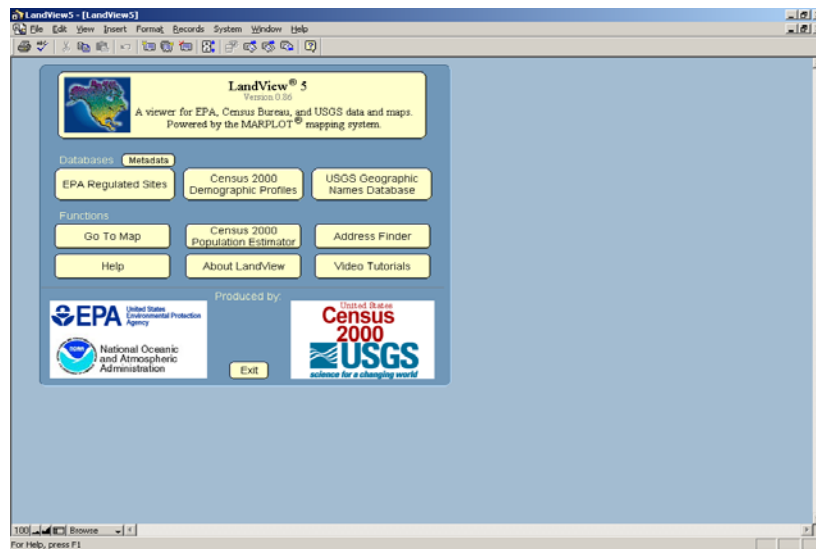
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## 5. LandView 5 Featuring Census 2000 Data

- Preview for New Castle, DE
  - Will be available to download free from the Web site.
  - <http://landview.census.gov/>
- Custom CD-ROM Service on a State-by-State Basis
  - LandView 5 files on a state-by-state basis, as they pass review, will be released to the Census Customer Services Center for fulfillment of orders.
- National on Two DVDs
  - After all states, DC and Puerto Rico have been released, Census will then master the DVDs of national data.
  - Eastern and Western parts with common overlapping states in the middle of the U.S. on each DVD.

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## Opening Screen



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# Census 2000 Demographic Profiles

Section	Category	Number	PCT.
SEX AND AGE	Male	386,941	48.0
	Female	403,059	51.4
	Under 5 years	51,511	6.6
	Ages 5 to 9 years	66,813	7.1
	Ages 10 to 14 years	66,274	7.1
	Ages 15 to 19 years	66,822	7.1
HISPANIC OR LATINO AND RACE	Hispanic or Latino (of any race)	37,271	4.6
	Mexican	12,888	1.7
	Puerto Rican	14,655	1.8
	Cuban	832	0.1
	Other Hispanic or Latino	9,254	1.2
	Not Hispanic or Latino	746,223	95.2
HOUSEHOLD TYPE	In household	739,217	93.9
	Householder	299,726	38.1
	Spouse	183,138	23.4
	Child	223,811	28.6
	Own child under 18 years	127,150	16.3
	Other relatives	28,919	3.7
HOUSING OCCUPANCY	Under 10 years	17,469	2.2
	Nonowner	41,441	5.3
	Unmarried partner	10,200	1.3
	In group quarters	24,863	3.1
	Institutionalized population	11,510	1.5
	Noninstitutionalized population	13,353	1.7

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# EPA "EnviroFacts" Databases

Environmental Protection Agency Database Information Extracted From "ENVIROFACTS" (www.epa.gov/enviro - extracted August, 2001)

**FACILITY IDENTIFICATION**

Name: DUPONT CHRISTINA LABORATORY EPA ID: 000007240440  
Address: CHRISTINA AVENUE State-County Code: 10003  
WILMINGTON DE 19898 Latitude: +29.728+46  
SIC: 8731 COMMERCIAL PHYSICAL RESEARCH Longitude: -75.537257

**EPA SYSTEMS**

RCRA(M) (Hazardous Waste)  PCC (Water/air Discharge)  TRI (Toxic Release Inventory)

Large Qty. Generator:  FCS Major:  FCS Flow: mg/day

AIRSIAF (Air Release)  CERCLUS (Superfund Site)

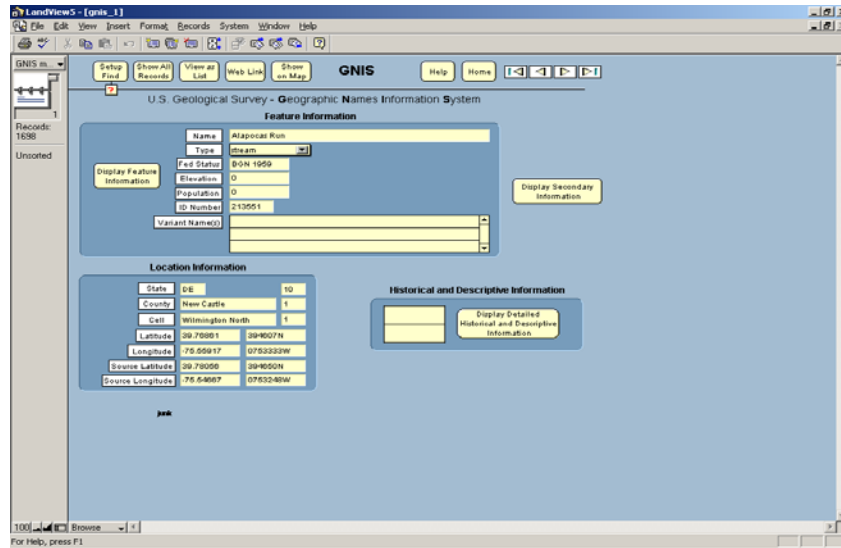
ID: 0E0002204 ID: N/A Status:   
Description: R AND D LAB Description (click to expand)

**CHEMICALS (AIRS, PCC, TRI only)**

Code	Chemical or Parameter Name	Database

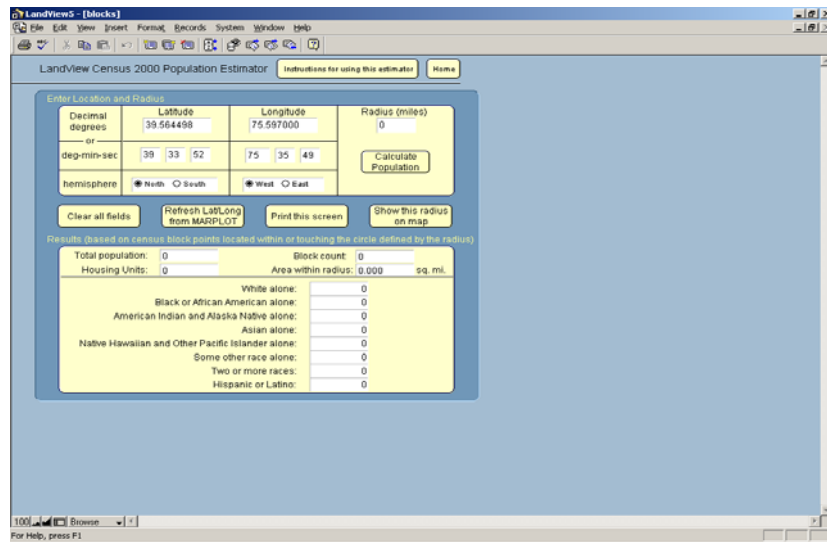
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# USGS Geographic Names Database



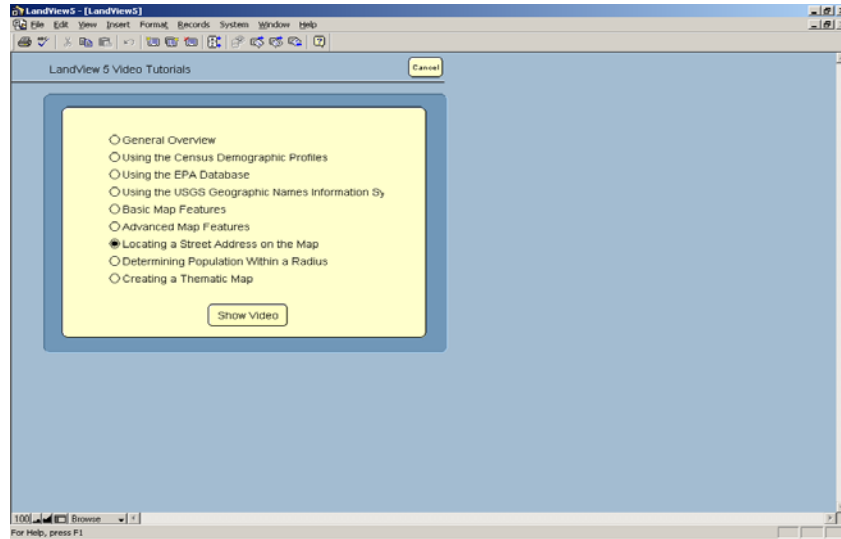
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# Census 2000 Population Estimator



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# Help System and Video Tutorials



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## 6. Questions and Answers

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