

# **Librarian's Environmental Toolkit: Notable Sources from the WMRC Library Reference Collection**

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**Last updated: February 27, 2008**

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## Some Notes About Environmental Information

Environmental information is multidisciplinary. It encompasses many fields, including engineering, chemistry, ecology, biology, agriculture, economics, history, and business. In the WMRC collection, the topic of waste is what links these disciplines together. The resources included here are those used most often by WMRC staff. Please contact the Library's staff at [library@wmrc.uiuc.edu](mailto:library@wmrc.uiuc.edu) with your questions, comments, and suggestions.

## Abstracts, Indexes, Bibliographies

Biomass Document Database

[http://www1.eere.energy.gov/biomass/document\\_database.html](http://www1.eere.energy.gov/biomass/document_database.html)

Chemistry Preprint Server

<http://www.sciencedirect.com/preprintarchive?url=/CPS>

DOE Information Bridge

<http://www.osti.gov/bridge/>

EERE (Energy Efficiency and Renewable Energy) Online Catalog

<http://www.eere.energy.gov/catalog/Scripts/prodList.asp?btn=home>

EnergyFiles

<http://www.osti.gov/EnergyFiles/>

*Environmental Issues and Sustainable Futures: A Critical Guide for Recent Books, Reports, and Periodicals* (World Future Society, 1996)

Greening Schools Resources

<http://www.greeningschools.org/resources/>

GrayLIT Network

<http://graylit.osti.gov/>

Great Lakes Regional Pollution Prevention Roundtable (GLRPPR) Topic Hubs and Sector Resources

<http://www.glrppr.org/topic hubs/>

*Guide to Environmental Analytical Methods, 4th ed.* (Genum Publishing, 2001)

Index of Material Safety Data Sheets

<http://physchem.ox.ac.uk/MSDS/>

Index to EPA Test Methods

<http://www.epa.gov/epahome/index/>

Joint Services Pollution Prevention Technical Library

<http://p2library.nfesc.navy.mil/>

Librarian's Guide to U.S. EPA Resources

<http://www.epa.gov/region5/library/librarians-guide.htm>

Library of Congress Science Tracer Bullets  
<http://www.loc.gov/rr/scitech/tracer-bullets/tbs.html>

National Institute for Environmental Health Sciences Bibliography  
<http://library.niehs.nih.gov/publications/bibliography/>

National Science Digital Library  
<http://nsdl.org/>

Phytoremediation Bibliography  
<http://www.rtdf.org/public/phyto/phytobib/biba-b.html>

Pollution Prevention Resource Exchange (P2Rx) Topic Hubs  
<http://www.p2rx.org/>

Preprint Network  
<http://www.osti.gov/preprints/>

UMI Dissertation Express  
<http://www.umi.com/hp/Products/Dissertations.html>

U.S. EPA National Service Center for Environmental Publications  
<http://www.epa.gov/epahome/publications.htm>

Water Quality Information Center Bibliographies  
<http://www.nal.usda.gov/wqic/Bibliographies/index.shtml>

WMRC Library Reference Guides  
[http://www.wmrc.uiuc.edu/main\\_sections/info\\_services/library\\_reference\\_g...](http://www.wmrc.uiuc.edu/main_sections/info_services/library_reference_g...)

## Collection Development Tools

*Core List for an Environmental Reference Collection* (U.S. EPA [EPA 260 R-02 001], 2002) Online at  
<http://www.epa.gov/natlibra/core/coretoc.htm>

Developing a Core Water Collection  
<http://www.interleaves.org/~rteeter/watrcore.html>

*Encyclopedia of Physical Sciences & Engineering Information Sources* (Gale, 1997)

Environmental Test Methods and Guidelines  
<http://www.epa.gov/epahome/Standards.html>

*Illinois Environmental Protection Agency Library Acquisitions List*

*Illinois Natural History Survey Library Acquisitions List*

*Illinois State Geological Survey Library Acquisitions List*

*Illinois State Water Survey Library Acquisitions List*

Illinois Waste Management and Research Center Library Acquisitions List  
[http://www.wmrc.uiuc.edu/main\\_sections/info\\_services/library\\_acquisitions.cfm](http://www.wmrc.uiuc.edu/main_sections/info_services/library_acquisitions.cfm)

*Information Sources in Science & Technology* (Libraries Unlimited, 1998)

Non-governmental Organizations Research Guide  
<http://docs.lib.duke.edu/igo/guides/ngo/>  
NGOs are excellent resources for publications.

Quick Guide to Document Delivery Services for Science & Technology  
<http://www.loc.gov/rr/scitech/docdelivery.pdf>

*Reference Sources for Small and Medium-Sized Libraries* (ALA, 1999)

ResourceShelf's DocuTicker  
<http://www.docuticker.com/>

TechDirect  
<http://www.epa.gov/swertio1/techdrct/index.htm>

Water Librarian's Home Page  
<http://www.interleaves.org/~rteeter/waterlib.html>

U.S. EPA Information Products Bulletin  
<http://www.epa.gov/ipbpages/>

## **Current Awareness Tools**

Docuticker  
<http://www.docuticker.com/>

Librarian's Index to the Internet  
<http://www.lii.org/>

LLRXBuzz (Legal research news)  
<http://www.llrx.com/buzz/buzz.htm>

Neat New Stuff on the Net  
<http://marylaine.com/neatnew.html>

ResearchBuzz (News for researchers)  
<http://www.researchbuzz.com/>

ResourceShelf  
<http://www.resourceshelf.com/>

Scout Report  
<http://scout.wisc.edu/Reports/ScoutReport/Current/>

Search Engine Showdown

<http://www.searchengineshowdown.com/>

Search Engine Watch

<http://searchenginewatch.com/>

## Databases

Advanced Fuels Property Database

[http://www.nrel.gov/vehiclesandfuels/fuels\\_database.html](http://www.nrel.gov/vehiclesandfuels/fuels_database.html)

CAGE (Coatings Alternative Guide)

<http://cage.rti.org/>

Chemfinder

<http://chemfinder.cambridgesoft.com>

Current Research Information System (USDA)

<http://cris.csrees.usda.gov/>

DOE Information Bridge

<http://www.osti.gov/bridge/>

Ecotox

<http://www.epa.gov/ecotox/>

eNature.com

<http://www.enature.com/>

Envirofacts

[http://www.epa.gov/enviro/index\\_java.html](http://www.epa.gov/enviro/index_java.html)

Fishbase

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

Google Patent Search

<http://www.google.com/patents>

Integrated Risk Information System

<http://www.epa.gov/ngispgm3/iris/>

Invisible Web.com

<http://www.invisibleweb.com/>

Joint Services Pollution Prevention Technical Library

<http://p2library.nfesc.navy.mil/>

MSDS Search

<http://www.msdssearch.com/>

P2Tech Archives

<http://www.great-lakes.net/lists/p2tech/>

Pesticide Properties Database

<http://www.ars.usda.gov/Services/docs.htm?docid=6433>

Pollution Prevention Research Database

<http://www.pprc.org/pprc/research.html>

Toxicology Excellence for Risk Assessment

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

TOXNET

<http://toxnet.nlm.nih.gov/>

SAGE (Solvent Alternatives Guide)

<http://clean.rti.org>

Scorecard

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

SOLV-DB

<http://solvdb.ncms.org/solvdb.htm>

Water Quality Information Center Databases

<http://www.nal.usda.gov/wqic/#3>

## **Dictionaries, Glossaries, Thesauri**

Bioremediation & Phytoremediation Glossary

<http://members.tripod.com/~bioremediation/index.html>

Controlled Vocabularies (General info on thesaurus construction and use)

[http://sky.fit.qut.edu.au/~middletm//cont\\_voc.html](http://sky.fit.qut.edu.au/~middletm//cont_voc.html)

*Dictionary of Energy Efficiency Technologies* (Fairmont Press, 2004)

*Dictionary of Environment & Sustainable Development* (Wiley, 1996)

*Dictionary of Toxicology* (Grove's Dictionaries, 2000)

*Electronic Pesticide Dictionary* (Meister, annual)

General Multilingual Environmental Thesaurus (GEMET)

<http://www.eionet.eu.int/GEMET>

*McGraw-Hill's Dictionary of Scientific and Technical Terms* (McGraw-Hill, 1994)

Internet Acronym Server

<http://silmaril.ie/cgi-bin/uncgi/acronyms>

Scientific and Technical Acronyms, Symbols, and Abbreviations (Wiley Interscience)  
<http://www3.interscience.wiley.com/stasa/>

Stands4.com  
<http://www.stands4.com/>

Terms of the Environment  
<http://www.epa.gov/OCEPAterms/>  
Thesauri and Controlled Vocabularies (includes bibliography, government thesauri)  
<http://www.nlc-bnc.ca/8/4/r4-280-e.html>

U.S. EPA Terminology Reference System  
<http://www.epa.gov/trs/>

*VNR Dictionary of Environmental Health & Safety* (Van Nostrand Reinhold, 1994)

*Whittington's Dictionary of Plastics* (Technomic, 1993)

Yourdictionary.com  
<http://www.yourdictionary.com/>

## Directories

Capital Report's State Environmental Agency Directory  
<http://www.caprep.com/stagency.htm>

*Conservation Directory* (National Wildlife Federation, annual)

*EI Environmental Services Directory* (Environmental Information, Ltd., updated by region every other year or so)

*Encyclopedia of Associations* (Gale, annual)

*Environmental Grantmaking Foundations* (Resources for Global Sustainability, annual)

Great Lakes Regional Pollution Prevention Roundtable Contacts Database  
<http://www.glrppr.org/contacts/>

*Harris Illinois Industrial Directory* (Harris InfoSource, annual)

*Illinois EPA's Quick Answer Directory* (Illinois EPA, 2000). Also online at  
<http://www.epa.state.il.us/quick-answer-directory/>.

*Illinois Manufacturers Directory* (Manufacturer's News, annual)

*Illinois Services Directory* (Manufacturer's News, annual)

Infoterra Network Contacts (International environmental information exchange directory)  
<http://www.unep.org/infoterra/nfplist.htm>

NASCIO State Search (Links to state agency web sites by topic)  
<https://www.nascio.org/stateSearch/>

National Environmental Directory  
<http://www.environmentaldirectory.net/>

Non-governmental Organizations Research Guide  
<http://docs.lib.duke.edu/igo/guides/ngo/>

Southern Waste Information Exchange  
<http://www.wastexchange.org/>

State Resource Center  
[http://www.lexisone.com/legalresearch/legalguide/states/states\\_resources...](http://www.lexisone.com/legalresearch/legalguide/states/states_resources...)

*Thomas Register of American Manufacturers* (Thomas Publishing, annual) Also online at  
<http://www.thomasnet.com/index.html>

U.S. EPA Information Sources  
<http://www.epa.gov/epahome/resource.htm>

*Washington Information Directory* (Congressional Quarterly, annual)

Zycon Industrial Directory <http://www.zycon.com/>

## Encyclopedias

Britannica.com  
<http://www.britannica.com/>

Environmental Contaminants Encyclopedia  
<http://www1.nature.nps.gov/toxic/>

*Kirk-Othmer Concise Encyclopedia of Chemical Technology* (Wiley, 1999)

*McGraw-Hill Encyclopedia of Environmental Science & Engineering* (McGraw-Hill, 1994)

*McGraw-Hill Encyclopedia of Science & Technology* (McGraw-Hill, 2000)

Wiley Encyclopedia of Environmental Pollution and Cleanup (Wiley, 1999)

## Government Agencies

Agency for Toxic Substances and Disease Registry  
<http://www.atsdr.cdc.gov/>

Bureau of the Census  
<http://www.census.gov/>

Capital Report's State Environmental Agency Directory  
<http://www.caprep.com/stagency.htm>

CyberCemetery (Permanent access to defunct U.S. Government agencies and commissions)  
<http://govinfo.library.unt.edu/>

Fedstats  
<http://www.fedstats.gov/>

Government Accountability Office  
<http://www.gao.gov/>

GovSpot  
<http://www.govspot.com/>

Infoterra  
<http://www.unep.org/infoterra/>  
Global environmental information exchange operated by the United Nations Environment Programme

National Institute for Environmental Health Sciences  
<http://www.niehs.nih.gov/>

National Technical Information Service (NTIS)  
<http://www.ntis.gov>

Occupational Safety & Health Administration  
<http://www.osha.gov/>

State & Local Government Links (Library of Congress)  
<http://www.loc.gov/global/state/stategov.html>

State Resource Center  
[http://www.lexisone.com/legalresearch/legalguide/states/states\\_resources...](http://www.lexisone.com/legalresearch/legalguide/states/states_resources...)

USA.gov  
<http://www.usa.gov>

U.S. Department of Energy  
<http://www.doe.gov>

U.S. Environmental Protection Agency  
<http://www.epa.gov/>

U.S. Government Printing Office  
<http://www.gpo.gov/>

U.S. Patent and Trademark Office  
<http://www.uspto.gov/>

For easier patent searching, try Google Patents (<http://www.google.com/patents>).

## Handbooks

*Agrochemicals Desk Reference* (Lewis Publishers, 1997)

*Analytical Laboratory Guidebook for Environmental Professionals* (NUS, 1988)

*Chemical Properties Handbook* (McGraw-Hill, 1999)

*Chemical Technician's Ready Reference Handbook* (McGraw-Hill, 1996)

*ChemSources USA* (ChemSources International, annual)

CAGE (Coatings Alternative Guide)

<http://cage.rti.org/>

Contaminant Hazard Reviews

<http://www.pwrc.usgs.gov/infobase/eisler/reviews.cfm>

*CRC Handbook of Chemistry & Physics* (CRC Press, annual)

*Farm Chemicals Handbook* (Meister, annual)

*General & Applied Toxicology* (Grove's Dictionaries, 2000)

*Guide to Environmental Analytical Methods, 4th ed.* (Genum Publishing, 2001)

*Handbook of Environmental Data on Organic Chemicals* (Wiley, 2000)

*Handbook of Toxic & Hazardous Chemicals and Carcinogens* (Noyes, 1991)

*Hazardous Chemicals Desk Reference* (Wiley, 1997)

*Merck Index* (Merck, annual)

*Patty's Industrial Hygiene* (Wiley, 2000)

*Patty's Industrial Toxicology* (Wiley, 2000)

Recognition and Management of Pesticide Poisonings

<http://www.epa.gov/pesticides/safety/healthcare/handbook/handbook.htm>

*Recycling Sourcebook* (Gale, 1993)

*Sax's Dangerous Properties of Industrial Materials* (Wiley, 1996)

Solvent Alternatives Guide

<http://clean.rti.org/>

Solvent Substitution Data Systems  
<http://es.epa.gov/ssds/ssds.html>

## **Journals & Magazines**

ACS Journals  
<http://pubs.acs.org/about.html>

WMRC Library Current Journal List  
[http://www.wmrc.uiuc.edu/main\\_sections/info\\_services/library\\_current\\_journals.cfm](http://www.wmrc.uiuc.edu/main_sections/info_services/library_current_journals.cfm)

## **Libraries & Books**

### ***Book Search Utilities***

Addall.com  
<http://www.addall.com>  
Book price comparison utility

Amazon.com  
<http://www.amazon.com/>

Books in Print  
<http://www.patronbooksinprint.com/bowker/>

### ***Librarianship***

Environmental Librarianship  
<http://www.geocities.com/jgaff45/librarians.htm>

Special Libraries Association's Environment & Resource Management Division  
<http://www.sla.org/division/derm/index.htm>

### ***Libraries***

Agriculture Network Information Center  
<http://www.agnic.org/>

Illinois Waste Management and Research Center Library  
<http://www.wmrc.uiuc.edu/library/>

Libraries and Their Catalogs  
<http://www.interleaves.org/~rteeter/libgen.html#catalogs>

Library of Congress Science Reference Services  
<http://www.loc.gov/rr/scitech/>

National Institute of Environmental Health Sciences Library  
<http://library.niehs.nih.gov/>

National Library for the Environment

<http://www.cnie.org/nle>

National Library of Medicine Toxicology & Environmental Health Information

<http://www.sis.nlm.nih.gov/Tox/ToxMain.html>

National Science Digital Library

<http://nsdl.org/>

Northwestern University Transportation Library

<http://www.library.northwestern.edu/transportation/>

One of the largest environmental impact statements (EIS) collections in the country.

U.S. EPA National Library Network

<http://www.epa.gov/natlibra/>

Worldcat.org (OCLC)

<http://worldcat.org/>

### ***Metasites & Portals***

Information for the Library Professional

[http://www.dpi.state.wi.us/dpi/dltcl/pld/pro\\_info.html](http://www.dpi.state.wi.us/dpi/dltcl/pld/pro_info.html)

Internet Library for Librarians

<http://www.itcompany.com/inforetriever/>

LibraryHQ.com

<http://www.libraryhq.com/>

LibrarySpot

<http://www.libraryspot.com/>

## **Metasites**

### ***Chemistry***

Cheminfo

<http://www.indiana.edu/~cheminfo/>

UIUC Chemistry Library's Online Resources for the Chemical Sciences

[http://www.library.uiuc.edu/chx/class\\_resources/online\\_ref.html](http://www.library.uiuc.edu/chx/class_resources/online_ref.html)

World Wide Web Virtual Library: Chemistry

<http://www.liv.ac.uk/Chemistry/Links/>

World Wide Web Virtual Library: Chemical Engineering

<http://www.che.ufl.edu/www-che/>

## ***Environment & Energy***

Energy Information Portal  
<http://www.eere.energy.gov/>

Environmental Media Services  
<http://www.ems.org/>

Environmental Professional's Homepage  
<http://www.clay.net/>

Research Tools for Water Resources and Water Quality Information  
[http://library.humboldt.edu/~chadwick/water\\_resources\\_&\\_quality.html](http://library.humboldt.edu/~chadwick/water_resources_&_quality.html)

NIEHS Library Research Links  
<http://library.niehs.nih.gov/research/home.htm>

U.S. DOE Office of Scientific and Technical Information  
<http://www.osti.gov/>

World Wide Web Virtual Library: Sustainable Development  
<http://www.ulb.ac.be/ceese/meta/sustvl.html>

World Wide Web Virtual Library: Urban Environmental Management  
<http://www.gdrc.org/uem/>

## ***Health & Safety***

Occupational Safety & Health Administration  
<http://www.osha.gov/>

OSHWEB - Index of Occupational Safety & Health Resources  
<http://www.oshweb.com/>

## ***Reference***

Patents on the Internet  
<http://users.aber.ac.uk/dgw/patent.htm>

SciNet Science Search  
<http://www.scinet.cc/>

## **Methods & Standards**

ASTM International  
<http://www.astm.org>

*Guide to Environmental Analytical Methods, 4th ed.* (Genum Publishing, 2001)

Index to EPA Test Methods  
<http://www.epa.gov/epahome/index/>

Lake Michigan Mass Balance Methods Compendium  
<http://www.epa.gov/glnpo/lmmb/methods/>

National Environmental Methods Index  
<http://www.nemi.gov/>

## **News**

Environmental Media Services  
<http://www.ems.org/>

Environmental News Bits  
<http://lib.wmrc.uiuc.edu/enb>

Environmental News Network  
<http://www.enn.com/>

Great Lakes Information Network Daily News  
<http://www.great-lakes.net/news>

## **Professional & Trade Associations**

American Chemical Society  
<http://www.acs.org/>

American Electroplaters & Surface Finishers' Society  
<http://www.aesf.org/>

American Institute of Chemical Engineers  
<http://www.aiche.org>

Great Lakes Regional Pollution Prevention Roundtable  
<http://www.glrppr.org>

National Pollution Prevention Roundtable  
<http://www.p2.org>

Water Environment Federation  
<http://www.wef.org>

## **Regulatory, Legal, Policy Information**

Almanac of Policy Issues: Environment  
<http://www.policyalmanac.org/environment/index.shtml>

Code of Federal Regulations

<http://www.access.gpo.gov/nara/cfr/index.html>

Compiling a Federal Regulatory History

[http://www.cwsl.edu/main/default.asp?nav=electronic\\_resources.asp&body=electronic\\_resources/regulatory\\_history.asp](http://www.cwsl.edu/main/default.asp?nav=electronic_resources.asp&body=electronic_resources/regulatory_history.asp)

Enforcement and Compliance History Online (ECHO)

<http://www.epa.gov/compliance/data/systems/multimedia/echo.html>

Environmental Impact Statements

Search for EIS's in Northwestern's catalog (<http://nucatl.library.northwestern.edu/>) by doing a Guided Keyword search using the term "EIS" in conjunction with any other keyword(s).

Environmental Law Institute

<http://www.eli.org>

Federal Register

[http://www.access.gpo.gov/su\\_docs/aces/aces140.html](http://www.access.gpo.gov/su_docs/aces/aces140.html)

Federal Register Environmental Subset

<http://www.epa.gov/fedrgstr/>

Illinois Legislative Information

[http://www.wmrc.uiuc.edu/main\\_sections/info\\_services/library\\_reference ...](http://www.wmrc.uiuc.edu/main_sections/info_services/library_reference...)

Major Environmental Laws

<http://www.epa.gov/epahome/laws.htm>

Lexis-Nexis Congressional Universe and State Capitol Universe (databases)

*RCRA Regulations & Keyword Index* (McCoy & Associates, 2000)

State Regulations Locator

<http://www.nmfr.org/srt/>

State Resource Center

[http://www.lexisone.com/legalresearch/legalguide/states/states\\_resources...](http://www.lexisone.com/legalresearch/legalguide/states/states_resources...)

THOMAS

<http://thomas.loc.gov/>

U.S. EPA's Laws & Regulations

<http://www.epa.gov/epahome/lawreg.htm>

## Statistics

Canadian Industrial Energy End-Use Data and Analysis Centre (Canadian energy statistics)

<http://www.cieedac.sfu.ca/CIEEDACweb/index.php>

Census Links (international census info)

[http://censuslinks.com/modules.php?op=modload&name=Web\\_Links&file=index](http://censuslinks.com/modules.php?op=modload&name=Web_Links&file=index)

Energy Information Administration (energy statistics)

<http://www.eia.doe.gov/>

Environment Channel

<http://www.eia.doe.gov/environment.html>

Envirofacts

[http://www.epa.gov/enviro/index\\_java.html](http://www.epa.gov/enviro/index_java.html)

FedStats

<http://www.fedstats.gov/>

*Index of Leading Environmental Indicators* (Pacific Research Institute Center for Environmental Studies, annual. On the web at <http://www.pacificresearch.org/centers/ces/index.html>)

National Environmental Data Index

<http://www.nedi.gov/>

Scorecard

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

United Nations Statistics Division Environmental Statistics Section

<http://unstats.un.org/unsd/ENVIRONMENT/default.htm>

U.S. Census Bureau

<http://www.census.gov/>

Annual Survey of Manufactures

<http://www.census.gov/mcd/asmhome.html>

County Business Patterns

<http://www.census.gov/epcd/cbp/view/cbpview.html>

Current Industrial Reports

<http://www.census.gov/cir/www/index.html>

North American Industry Classification System (NAICS)

<http://www.census.gov/epcd/www/naics.html>

U.S. EPA Where You Live

<http://www.epa.gov/epahome/whereyoulive.htm>

U.S. Geological Survey Mineral Information Team: Commodity Statistics and Information

<http://minerals.usgs.gov/minerals/pubs/commodity/>