

## Environmental Science Resource Guide

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This guide provides selected information resources on environmental science. Included are the Mildred F. Sawyer Library databases, as well as websites of the U.S. government, international organizations, and research organizations. In addition, links to web gateways, free dictionaries and encyclopedias, legal and regional websites, and selected print sources are provided. For specific book and periodical titles, check the [Suffolk University Library Catalog](#).

### **Library Databases:**

The Sawyer Library subscription periodical indexes and full-text resources are available to current students and faculty of Suffolk University.

#### [BioOne](#)

BioOne is a non-profit venture which provides a wide selection of full-text, peer-reviewed journals published by the American Institute of Biological Sciences and other closely related organizations. Coverage is from 1998 to the present.

#### [Wiley Interscience](#)

Contains over 1,000 searchable journals, reference works, manuals, and more. Offers 41 earth and environmental science journals, plus hundreds of biology, chemistry, and medical journals. Includes nearly 70 Blackwell journals.

## [AccessScience](#)

Online reference materials taken from the *McGraw-Hill Encyclopedia of Science & Technology* and research updates from the *McGraw-Hill Yearbooks*. Includes graphs, illustrations, news, and student study guides.

## [Science \(AAAS\) Magazine](#)

Science is one of the world's leading publications for scientific news, commentary, and research. The website provides searchable full-text journal news stories, research reports, and commentary articles from 1997 to the present. Includes multimedia (podcasts, video, slides) and career information. Searchable access to earlier editions of Science are available through databases, such as JSTOR, Academic OneFile, and Academic Search Complete.

## [Nature](#)

Nature is a weekly international journal publishing peer-reviewed research in all fields of science and technology. The Sawyer Library access starts in 1997.

## [GreenFILE](#)

Indexes scholarly, governmental and general titles covering environmental topics.

## [Academic Search Complete](#)

A full-text database with more than 5,500 full-text periodicals, including more than 4,600 peer-reviewed journals. Covers all academic subjects.

## [Academic OneFile](#) (InfoTrac)

Provides indexing, abstracting, and full-text coverage of over 8,000 journals covering every academic field.

## [SpringerLink](#)

The SpringerLink Online Journal collection includes more than 1,200 peer-reviewed journals, comprising more than 600,000 individual documents. Most titles include complete back issues to 1996. Provides access to over 140 journals dealing with the environment.

## [LexisNexis Academic](#)

Contains a massive database of worldwide general, legal, health, and business news. For major international news stories, select General News and Major Newspapers or Magazines and Journals. Includes a Legal Research option which provides text of federal and state statutes and cases, law reviews, and international legal materials.

## [LEXIS/NEXIS Statistical](#)

LexisNexis Statistical provides access to statistics produced by the U.S. government, international intergovernmental organizations, professional and trade organizations, commercial publishers, independent research organizations, state government agencies, and universities.

## [JSTOR](#)

Contains back runs of over 300 scholarly publications in various academic fields. Search by category or within a particular journal. Includes ecology journals, science journals, geography journals, regional studies journals, population and statistical journals.

## [Health Reference Center Academic](#)

Contains more than 400 full-text pamphlets and selected health-related articles, plus newsletters, newspaper articles, and more. Provides coverage of environmental health hazards.

## [MEDLINE](#) (from 1950's)

Provides information on medicine, health care systems, nursing, and more. Created by the National Library of Medicine (NLM), Medline searches abstracts from 4,600 biomedical journals. Includes some linked full-text.

## [Oxford Reference Online Premium](#)

Provides searchable online access to Oxford reference sources, such as *The Oxford Companion to the Earth*, *The Oxford Dictionary of Earth Sciences*, and the *Encyclopedia of Climate Change*.

## [CountryWatch](#)

Provides a concise political, economic, corporate, and environmental survey for each of the 192 countries of the world. Coverage is updated daily. Choose "Country Reviews" for country survey or "Country Wire" for country news.

## [EconLit with Full Text](#) 1969+

The American Economic Association's database, which provides indexing and abstracting of international economic literature. It corresponds to the print Journal of Economic Literature and covers books, journal articles, working papers, dissertations, and conference proceedings. Includes full text for more than 430 journals. Coverage is from 1969 to present.

## [Gale Virtual Reference Library](#)

This database includes searchable encyclopedias, such as *Environmental Encyclopedia, 3rd ed., 2003*, and *Encyclopedia of Public Health, 2002*, and more.

## [Credo Reference](#)

An online reference library that provides access to over 150 reference books, including encyclopedias, dictionaries, and subject-specific titles, such as Blackwell's *The Encyclopedia of Ecology and Environmental Management* and Macmillan *Encyclopedia of Toxicology*.

## [HeinOnline](#)

Provides full-texts (PDF) of recent and older legal periodicals, English Reports, Code of Federal Regulations, Federal Register, U.S. Treaties, Statutes at Large, Congressional Record, U.S. Attorney General opinions, U.S. Supreme Court cases, and state session laws, and more. Choose the U.S. Federal Legislative History option (right column), then select "List of Public Laws," to

locate federal environmental legislative histories, such as Clean Air Act, Coastal Zone Management Amendments, and the Water Resources Development Act.

## **Selected Websites:**

### **Dictionaries, Directories, and Encyclopedias**

#### [Agency for Toxic Substances and Disease Registry \(ATSDR\)](#)

<http://www.atsdr.cdc.gov/glossary.html>

The ATSDR is a federal public health agency that serves the public by providing information to prevent harmful exposures and diseases related to toxic substances. This glossary defines words used by the ATSDR in communicating with the public.

#### [Chemistry and Environmental Dictionary](#)

<http://environmentalchemistry.com/yogi/chemistry/dictionary/>

Produced by Ken and Roberta Barbalace, this dictionary is an educational resource for the student and the public in general. Definitions have linked terms.

#### [Hazardous Substances Database \(HSDB\) in Toxnet](#)

<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>

HSDB is a searchable, peer-reviewed data file that deals with the toxicology of potentially hazardous chemicals. It consists of over 4,000 individual chemical records.

#### [Terms of the Environment](#)

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

Glossary of environmental terms, provided by the Environmental Protection Agency (EPA).

#### [Best Environmental Directories](#)

<http://www.ulb.ac.be/ceese/meta/cds.html>

Produced by Bruno Kestemont of the Centre for Economic and Social Studies on the Environment (CESSE) in Brussels, this is a huge annotated list of carefully selected internet environmental directories for more than 650 environmental subjects. Contains some dead links.

#### [Envirolink](#)

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

Envirolink is a non-profit organization which acts as an internet clearinghouse for the environmental community. It is dedicated to providing up-to-date environmental information and news. Resources are arranged by category and include topics, such as air quality, ecosystems, ethics, legislation, transportation, waste management, and wildlife.

#### [Encyclopedia Smithsonian](#)

[http://www.si.edu/Encyclopedia\\_SI/](http://www.si.edu/Encyclopedia_SI/)

Provides links to the Smithsonian and the National Museum of Natural History research centers and publications that deal with environmental issues. These websites generally include full-text publications, current data, and images.

## **U.S. Government Websites:**

### [U.S. Environmental Protection Agency \(EPA\)](#)

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

The EPA leads the country's science, research, education, and assessments efforts in the environmental protection arena. It enforces federal regulations, conducts research, furthers education, and finances various state and federal projects. The EPA deals with a broad range of environmental issues, including air, compliance, ecosystems, human health, pollutants/toxics, water, industry, and much more.

#### [Envirofacts](#)

<http://www.epa.gov/enviro/index.html>

A single point of access to several EPA databases covering environmental activities that affect air, water, and land in the United States. Quick Start allows the user to retrieve information by zip code, city, state, or county, or select topics including Waste, Water, Toxics, Air, Radiation, Land, Compliance, Other, and Maps.

#### [National Service Center for Environmental Publications \(NSCEP/NEPIS\)](#)

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

Features the EPA's digital publications National Environmental Publications Internet Site (NEPIS) database. Provides over 24,000 digital EPA documents. Offers both simple and enhanced searching.

#### [Superfund](#)

<http://www.epa.gov/ebtpages/cleasuperfund.html>

The EPA gateway to all things "Superfund," or the cleanup and enforcement of hazardous waste sites. Covers technology, costs, risk assessment, and more.

### [Science.gov](#)

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

Gateway to information resources of the U.S. government science agencies. Includes authoritative science websites and databases of technical reports, journal articles, conference proceedings, and other published materials. The web pages and databases can be searched individually or simultaneously.

### [National Oceanic and Atmospheric Administration \(NOAA\)](#)

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

Includes searchable [NOAA Library](#) which provides extensive full-text publications from various programs. NOAA [Research](#) provides text, maps, and data pertaining to specific projects and

topics. Includes climate monitoring reports, coastal management reports, marine mammal reports, and more. The website includes the [Global Monitoring Division](#), which provides an interactive atmospheric data tool pertaining to carbon cycle greenhouse gases. See the [National Environmental Satellite, Data, and Information Service](#) for global environmental data from satellites and other sources.

### [National Library for the Environment \(NLE\)](#)

<http://ncseonline.org/NLE/>

Produced by the National Council for Science and the Environment (NCSE), the NLE provides single-point entry to environmental information and data. Outstanding programs include the [Congressional Research Service \(CRS\) Reports](#), which offer full-text research reports in PDF. Browse by topic or search by title or subject. [PopPlanet](#) provides full-text news, reports, and country profiles. [PopEnvironment](#) is a searchable bibliography of environmental links, covering topics, such as climate, biodiversity, health, land use, agriculture, and more. Links include full-text publications.

### [Energy Citations Database](#)

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

Contains searchable bibliographic records and energy-related scientific and technical information from the Department of Energy and its predecessor agencies.

### [Agency for Toxic Substances and Disease Registry \(ATSDR\)](#)

<http://www.atsdr.cdc.gov/atsdrhome.html>

ATSDR attempts to inform and prevent harmful exposure and disease related to toxic substances. Site includes news, publications, legislation, and Congressional Testimony. Provides the [Toxic Substances Portal](#), which offers evaluations of hazardous substances and their potential health effects. Also provides [Environmental Health WellMaps](#), a geographic analysis tool which allows searching by location (street address, city, state, and zip code).

### [NASA's Global Change Master Directory](#)

<http://gcmd.gsfc.nasa.gov/>

This is NASA's clearinghouse for earth science data. Data sets are retrievable by topic - Agriculture, Atmosphere, Biosphere, Climate Indicators, Hydrosphere, Human Dimensions, Land Surface, Oceans, Paleoclimate, Snow and Ice, Solid Earth, Spectral Engineering, and Sun Earth Interactions - or by text searching.

### [National Renewable Energy Laboratory \(NREL\)](#)

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

NREL develops renewable energy and energy efficiency technologies to address the nation's energy and environmental goals. Research areas include: photovoltaics, wind, biomass, geothermal, buildings, vehicles and fuels, electric systems, hydrogen and fuel cells, solar thermal, basic science, energy analysis, and computational sciences. Full-text research publications, data,

and maps are available on the NREL site.

### [Renewable Resource Data Center \(RReDC\)](http://www.nrel.gov/rredc/)

<http://www.nrel.gov/rredc/>

Managed by the Department of Energy's Office of Energy Efficiency and Renewable Energy, the RReDC provides information on types of renewable energy resources in the United States, in the form of publications, data, and maps. Also, includes news and a glossary of terms.

### [GrayLit Network](http://www.osti.gov/graylit/)

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

Gray literature is "open source material that usually is available through specialized channels.."  
This site was a searchable portal to more than 100,000 full-text technical reports from the Department of Energy (DOE), the Department of Defence (DOD), the Environmental Protection Agency (EPA), and the National Aeronautics and Space Administration (NASA). It was discontinued on October 31, 2007. Former users are advised to utilize [Science.gov](http://www.science.gov) or [Science Accelerator](http://www.scienceaccelerator.gov) to access the same material.

### [U.S. Geological Survey \(USGS\)](http://www.usgs.gov/)

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

The USGS is "an independent, fact-finding agency that collects, monitors, analyses, and provides scientific understanding about natural resource conditions, issues, and problems." Covers broad topics, such as biology, geology, geography, natural hazards, environment, water, regional studies, wildlife, and human health. The site provides full-text publications, data, maps, photos, and news.

### [Water Resources of the United States](http://water.usgs.gov/)

<http://water.usgs.gov/>

Provides full-text publications and real-time data collected at approximately 1.5 million sites across the country, including real-time stream flow in map form. Water condition information and data is available by site, topic, and project.

### [Coastal and Marine Geology Program](http://marine.usgs.gov/)

<http://marine.usgs.gov/>

Provides full-text reports, research, and data searchable by topic, region, and/or content type. Includes an [Interactive Map Server](#) which creates maps using CMGP data and a searchable [Marine Realms Information Bank](#).

### [Status and Trends of the Nation's Biological Resources](http://www.nwrc.usgs.gov/sandt/)

<http://www.nwrc.usgs.gov/sandt/>

A full-text, two-volume report covering major processes affecting national biological resources, plus regional status and trends. Includes a glossary and an appendix of scientific names.

## [U.S. Global Change Research Program](http://www.globalchange.gov/)

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

The U.S. Global Change Research Program (USGCRP) supports research on the interactions of natural and human-induced changes in the global environment. This website offers full-texts of detailed research and reports, international plans and reports, proposals, and news.

## [Agricola](http://agricola.nal.usda.gov/)

<http://agricola.nal.usda.gov/>

Agricola stands for "AGRICultural OnLine Access." It is an extensive database of citations to the agricultural literature created by the National Agricultural Library and its cooperators. Coverage begins in 1970. Although much of the material included covers food production subjects like farming and fisheries, there is also coverage of earth and environmental sciences in this free database. The database does not provide full-text, but this file can be helpful in identifying citations.

## [Argonne National Laboratory](http://www.anl.gov/)

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

The Argonne National Laboratory is a DOE research lab run by the University of Chicago. This website provides helpful web links and links to research topics. Texts of current [Argonne publications](#) are available for download.

## [Occupational Safety & Health Administration \(OSHA\)](http://www.osha.gov/)

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

OSHA is the federal regulatory agency charged with preventing occupational injuries and illnesses among American workers. The OSHA website includes news, "Compliance Assistance" for employers, links to state programs, and the text of applicable [Laws, Regulations and Interpretations](#). There is a searchable [Standard Interpretations Database](#) that reproduces letters responding to specific inquiries on the interpretation of OSHA regulations. The website also provides a browsable A-Z index and a search engine.

## **Research Websites:**

### [Center for International Earth Science Information Network \(CIESIN\)](http://www.ciesin.org/)

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

Part of the Earth Institute at Columbia University, CIESIN specializes in online data management, spacial data integration, and research related to human interactions in the environment. Provides full-text research publications and conference materials. Topics and data include agriculture, climate, biodiversity and ecosystems, environmental health, and land use.

### [Cooperative Institute for Research in Environmental Science \(CIRES\)](http://cires.colorado.edu/)

<http://cires.colorado.edu/>

Sponsored jointly by the University of Colorado and the National Oceanic & Atmospheric

Administration (NOAA) and other institutions, CIRES' mission is to act as a national resource for research and education in environmental science. Its research themes are observation and modeling systems, climate system variability, geodynamics, planetary metabolism, regional processes, and integrating activities. The website provides full-text of current research and theme information.

### [Environmental Working Group \(EWG\)](http://www.ewg.org/)

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

The EWG is a non-profit, non-partisan team of scientists, engineers, policy experts, and lawyers who conduct research that exposes risks to human health and the environment. The website contains full-text research reports from 1995 to the current year.

### [Smithsonian Institution. Research](http://www.si.edu/research/)

<http://www.si.edu/research/>

Provides links to the Smithsonian and the National Museum of Natural History research centers and publications that deal with environmental issues. These websites generally include full-text publications, current data, and images.

### [Smithsonian Environmental Research Center \(SERC\)](http://www.serc.si.edu/)

<http://www.serc.si.edu/>

SERC conducts long-term research studies examining ecosystems, especially those impacted by humans. The Center measures environmental change in four ecological levels: global change, landscape ecology, ecology of coastal ecosystems, and population and community ecology. This website includes full-text teacher guides, newsletters, brochures, and photos. Also includes searchable bibliography of publications.

### [Pew Center on Global Climate Change](http://www.pewclimate.org/)

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

A non-profit, independent research organization. Provides full-text research reports and policy analysis on climate change.

### [World Resources Institute](http://www.wri.org/)

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

WRI is an environmental research and policy organization. Provides comprehensive data on environmental, economic, and social issues. Information is presented as tables or in a map format.

### [Brookings Institute. Environment](http://www.brookings.edu/topics/environment.aspx)

<http://www.brookings.edu/topics/environment.aspx>

Brookings is an independent institution for policy analysis whose research areas include the energy and environment. This site includes full-text research reports, policy briefs, speeches, and news.

## [Rand Energy and Environment](#)

[http://www.rand.org/research\\_areas/energy\\_environment/](http://www.rand.org/research_areas/energy_environment/)

The Rand Corporation is a nonprofit policy research organization which operates in a wide variety of fields. The energy and environment division offers full-text research publications and reports.

## [SRC Databases](#)

<http://www.syrres.com/what-we-do/free-demos.aspx>

Syracuse Research Corporation (SRC) calls itself "a world leader in scholarly research in environmental chemistry, toxicology, and risk assessment." It maintains several databases that provide information on toxicity and biodegradation. Some materials are available only to corporate clients, but several are offered to the public. These include an Environmental Fate Database (which provides bibliographic and experimental values data files on environmental fate and physical/chemical properties) and a Physical Properties Database (which contains chemical structures, names and physical properties for over 25,000 compounds).

## **Web Gateways**

### [DISC: Internet Crossroads. Geography and Environment](#)

<http://www.disc.wisc.edu/newcrossroads/links.asp?cat=Geography+and+Environment>

Part of the Internet Crossroads in Social Science Data, the Data & Information Services Center (DISC) is the repository of data collections used by the social science research community at the University of Wisconsin, Madison. The site includes quality links to national and international statistical and scientific websites on the environment.

### [BUBL Link Environmental Links](#)

<http://bubl.ac.uk/link/e/environmentallinks.htm>

BUBL Link is a catalog of selected and evaluated internet resources covering all academic subject areas. This website provides vast annotated links covering every aspect of the environment.

### [Intute: Environment](#)

<http://www.intute.ac.uk/sciences/environment/>

This is an searchable internet service that provides high quality information for students, researchers, and academics in the social sciences, business, law, and science. Part of the UK Resource Discovery Network (Altis and SOSIG), general environmental topics covered include conservation, legislation, green issues, and planning. Links to journals, educational materials, research, reports, and much more.

### [Academic Info. Environmental Studies Links - Directory of Online Resources](#)

<http://www.academicinfo.net/envirostmeta.html>

Maintained and compiled by Mike Madin, Academic Info is a user-supported, non-profit gateway. Includes links to international and U.S. institutes and organizations, research,

directories, and programs.

## **International Organization Websites:**

### [Intergovernmental Panel on Climate Change \(IPCC\)](#)

<http://www.ipcc.ch/>

An "intergovernmental body that provides scientific, technical, and socio-economic advice to the world community, in particular to the 170+ Parties to the United Nations Framework Convention on Climate Change. It is open to all members of the U.N. Environment Programme (UNEP) and the World Meteorological Organization (WMO)." IPCC Assessment Reports and presentations of all Working Groups are available in full-text and in several languages.

### [International Energy Agency \(IEA\)](#)

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

An energy forum for 26 industrialized countries, committed to taking joint measures to meet oil supply emergencies, share energy information, and coordinate energy policies. The [IEA Topic Page](#) provides full-text publications, papers, data, and newsletters. Browse by topic or search by keyword or country. The [Statistics and Balances](#) is a searchable database of statistics. Search by country and region or by product.

### [World Bank Group. Environment](#)

[http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/ENVIRONMENT/0,,  
menuPK:176751~pagePK:149018~piPK:149093~theSitePK:244381,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/ENVIRONMENT/0,,menuPK:176751~pagePK:149018~piPK:149093~theSitePK:244381,00.html)

The World Bank's Environment website provides a comprehensive overview of its work with the environment. Choose "Topics" for more specific links to research and projects. Click "Documents & Reports" to access full-text working papers, research reports, and other publications.

### [EarthTrends. World Resources Institute](#)

<http://earthtrends.wri.org/index.cfm>

An online collection of information regarding worldwide environmental, social, and economic trends. Includes statistical, graphic, and analytical data. Information is arranged by broad topic, such as Coastal and Marine Ecosystems, Climate and Atmosphere, Energy and Resources, Agriculture and Food, and others. Under each topic, the user can choose from a searchable database of data, data tables, country profiles, maps, or features (news and research). Requires free registration.

### [United Nations Environment Programme \(UNEP\)](#)

<http://www.unep.org>

Links to issues, reports, agencies, news, and science information which are encompassed within the vast United Nations environmental endeavors.

### [U.N. Statistics Division. Environment](#)

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

This site links to full-text working papers, environmental and economic accounting handbooks, newsletters, and a glossary. Texts of some publications require a subscription.

### [U.N. Department of Economic and Social Affairs. Division for Sustainable Development \(UNCSD\)](#)

<http://www.un.org/esa/sustdev/index.html>

The U.N. Commission on Sustainable Development was established in 1992 following the Rio Earth Summit. The CSD was created to monitor and report on implementation of its agreements and all agreements that followed. Links to text of key conference agreements and documents from intergovernmental meetings are provided. Includes a Sustainable Consumption and Production Database of CSD and UNEP documents, agreements, and reports and a CSD Partnership Database, containing information about 260 partnerships for sustainable development.

### [United Nations Framework Convention on Climate Change \(UNFCCC\)](#)

<http://unfccc.int/>

Adopted in 1992, the U.N. Framework Convention on Climate Change sought to address global climate issues. The Kyoto Protocol followed five years later. The UNFCCC website contains pertinent documents (reports, decisions, information), text and parties of the Kyoto Protocol and the Climate Convention, guides to the climate change process, and a searchable library and document center.

### [Global Environment Outlook](#)

<http://www.unep.org/geo/geo3/english/index.htm>

Covers the state of the environment and policy responses from 1972–2002 Includes human vulnerability to environmental change and options for action

### [Organization for Economic Co-operation and Development \(OECD\). Environment](#)

[http://www.oecd.org/topic/0,2686,en\\_2649\\_37465\\_1\\_1\\_1\\_1\\_37465,00.html](http://www.oecd.org/topic/0,2686,en_2649_37465_1_1_1_1_37465,00.html)

Provides full-text data and publications accessible by browsing or searching. Broad issues are arranged by topics, which include full-text working papers and specific databases. Topics covered include biosafety, climate change, natural resource management, trade and investment, waste management, and much more.

### [International Monetary Fund \(IMF\). Climate Change and the Environment](#)

<http://www.imf.org/external/np/exr/facts/enviro.htm>

The IMF's macroeconomic responsibilities overlap with environmental issues. Website includes policy papers, analysis, and reports.

### [World Wildlife Fund Global Network](#)

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

Links to individual country websites. Each site provides full-text reports, projects, and information about endangered wildlife and their respective habitats.

### [WHO World Health Organization: Environmental Health](#)

[http://www.who.int/topics/environmental\\_health/en/](http://www.who.int/topics/environmental_health/en/)

The WHO's environmental site provides links to reports, news, fact sheets, events, and cooperating programmes. The [WHO Statistical Information System \(WHOSIS\)](#) is a searchable database of statistics gathered from each of the WHO's 192 countries.

### [Rainforest Alliance](#)

<http://rainforest-alliance.org/index.html>

Leading international conservation organization which seeks to protect ecosystems and people and wildlife that live in them. Links to research projects containing full-text reports. Also, contains news and event information. Provides "Resources" links to rainforest facts by broad topic.

## **Regional Websites:**

### [Massachusetts Department of Environmental Protection](#)

<http://www.mass.gov/dep/>

The Massachusetts DEP site provides full-text annual reports covering topics, such as air quality, solid waste planning and disposal, recycling, toxic use reduction, water quality, technology, wetland management, and much more. Includes text of DEP enforcement actions since 1997 and links to texts of pertinent state regulations and laws.

### [Massachusetts Department of Conservation and Recreation \(DCR\)](#)

<http://www.mass.gov/dcr/>

Formerly the Department of Environmental Management, the DCR site offers full-text publications and statistics covering program topics, such as lakes and ponds, rainfall, and greenways. Provides information on Massachusetts parks and recreational facilities.

### [Massachusetts Department of Fish and Game](#)

<http://www.mass.gov/dfwele/>

Covers state agencies responsible for the management and conservation of the state's fisheries and wildlife. The Division of Marine Fisheries provides state regulations, species profiles, and newsletters. MassWildlife publications include regulations, laws, maps, and wildlife flyers. The Natural Heritage and Endangered Species Program offers rare species lists and an interactive BioMap. Provides the full-text of the latest issue of [MassWildlife News](#).

### [Massachusetts Department of Public Health. Environmental Health](#)

[http://www.mass.gov/dph/environmental\\_health](http://www.mass.gov/dph/environmental_health)

The Center protects public health from environmental exposures. Provides public health tracking studies, texts of some reports and investigations, documents related to toxic exposure, and more.

## [USGS Water Resources of Massachusetts and Rhode Island](#)

<http://ma.water.usgs.gov/>

The Massachusetts-Rhode Island District of the USGS primarily addresses water issues. The website offers real-time water data, stream statistics, full-text annual publications and reports, fact sheets, news, and project information.

## [Woods Hole Oceanographic Institution](#)

<http://www.whoi.edu/>

Located in Woods Hole, MA., the Institute is "a private, non-profit research facility dedicated to the study of marine science and to the education of marine scientists. Offers summaries and photos of research departments, groups, and institutes. Provides description of current courses available to undergraduates, graduate students, and postdoctoral students.

## [New England Wildlife Center](#)

<http://www.newwildlife.com/NEWC/>

"A humane, non-profit organization dedicated to preserving wildlife and the environment through the operation of a wildlife teaching hospital, education, advocacy, and public health and habitat intervention." The site provides information on education programs, camps, and internships, news, and current patients.

## [Boston Environment Department](#)

<http://www.cityofboston.gov/environment/>

Links to forms, guidelines, and regulations, schedule of public hearings, water quality programs, recycling program, and more.

## **Legal Websites:**

### [U.S. EPA. Law, Regulations, Guidance and Dockets](#)

<http://www.epa.gov/lawsregs/laws/index.html>

Provides full-text of over a dozen major laws that form the legal basis of the EPA. Includes Executive Orders and links to the Federal Register, Docket information, and more.

### [Regulations.gov](#)

<http://www.regulations.gov/fdmspublic/component/main>

The EPA Dockets (EDOCKET) has been merged into the Federal Docket Management System (FDMS), which permits access to all federal rulemaking. Contains Federal Register notices, final and proposed rules, and comments. Use Advanced Search to find dockets. Dockets can be viewed for comment, and the database is keyword searchable.

### [Superfund](#)

<http://www.epa.gov/ebtpages/cleasuperfund.html>

The EPA gateway to all things "Superfund," or the cleanup and enforcement of hazardous waste

sites. Covers technology, costs, risk assessment, and more.

[\(LII\) Legal Information Institute. Cornell Law School. Environmental Law \(WEX\)](#)

[http://topics.law.cornell.edu/wex/Environmental\\_law](http://topics.law.cornell.edu/wex/Environmental_law)

Cornell University's Legal Information Institute Environmental Law section provides a brief overview and links to the text of pertinent federal statutes, regulations, and recent decisions. Includes some state statutes, regulations, and cases.

[American Bar Association. Section of Environment, Energy, and Resources](#)

<http://www.abanet.org/environ/>

Provides educational and program information. Various committee pages link to texts and legislation affecting the respective committee's work. Current committee newsletters are available in full-text.

[Center for International Environmental Law \(CIEL\)](#)

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

The CIEL is a public interest, not-for-profit, environmental law firm that seeks to strengthen international and comparative environmental law and policy around the world. Program areas include Climate Change, Biodiversity and Wildlife, Biotechnology, Trade and Sustainable Development, International Financial Institutions, Law and Communities, Persistent Organic Pollutants, and Human Rights and the Environment. The website offers press releases, research, and full-text publications for each of its program areas.

[HierosGamos. World Environmental Law](#)

<http://www.hg.org/environ.html>

Links to supranational organizations, texts of international treaties, and various country legal sites. Includes links to extensive international environmental association resources.

[World Bank Group. Environment and Natural Resources. Law and Development.](#)

<http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/EXTLAWJUSTICE/0,,>

[contentMDK:22226866~menuPK:1647673~pagePK:148956~piPK:216618~theSitePK:445634,00.html](http://contentMDK:22226866~menuPK:1647673~pagePK:148956~piPK:216618~theSitePK:445634,00.html)

Provides materials on areas effecting the World Bank's operations in environment and international law. Offers explanations and policies by broad topic, such as Climate Change, Forests, Biodiversity, Land Law, and more.

## **Selected Print Sources**

[Encyclopedia of Environmental Science and Engineering](#) 5th ed. 2 vols.

REF. TD9.E5 2006

Provides detailed articles written by scholars. Articles contain statistics, graphics, and bibliographies.

[Ecology Basics](#) 2 vols

REF. QH540.4 .E39 2004

Contains 130 essays covering fundamental ecological concepts found in biology, environmental science, and ecology. Subdisciplines include agricultural ecology, aquatic and marine ecology, behavioral ecology, population ecology, theoretical ecology, and more.

[Encyclopedia of Life Sciences](#) 20 vols.

REF. QH302.5 .E54 2002

Comprises 3,300 comprehensive entries arranged alphabetically. Includes introductory, secondary, or special essays. Articles have cross-references, illustrations, further readings, and up-to-date data and graphs. Each is written by an expert in the field.

[Environmental Engineering Dictionary](#) 3rd ed.

REF. TD9 .L44 1998

A comprehensive source of environmental engineering definitions. Major subjects covered include statute-related definitions from major U.S. environmental laws, regulation-related definitions, science and engineering terms, and environmental acronyms.

[Macmillan Encyclopedia of Chemistry](#) 4 vols.

REF. QD4 .M33 1997

Nearly 700 articles ranging from brief to extensive overviews. Includes over 1,500 illustrations of chemical structures, equations, and principles. Also, includes biographical entries and entries for common substances.

[Grizimek's Animal Life Encyclopedia](#) 2nd ed. 17 vols.

REF. QL7 .G7813 2003

One of the best-known reference works on the animal world. Written by well-known scientists, this work contains vast numbers of colored photos, maps, and graphs and is arranged by animal classification. See [Gale Virtual Reference](#) for online access.

[Van Nostrand's Scientific Encyclopedia](#) 9th ed. 2 vols.

REF. Q121 .V269 2002

Contains over 8,000 entries of comprehensive articles ranging from introductory to highly technical and covering science, engineering, math, and medicine. Includes extensive diagrams, graphs, photos, and tables.

[Hazardous Laboratory Chemicals Disposal Guide](#)

REF. QD64 .A76 2003

Provides spill and disposal procedures for chemicals. Includes physical, chemical, and physiological properties, and hazardous reactions for each chemical.

[Dwyer & Bergsund. Federal Environmental Laws Annotated](#)

REF. KF3775 .A29 .U545 2009

Provides comprehensive references to federal environmental statutes, regulations, and cases.

Includes the complete text of the majority of federal environmental statutes. Also, includes detailed summaries of major statutory provisions plus extensive annotations and cross-references to regulations, cases, and law reviews.

[Environmental Law in a Nutshell](#) 7th ed.

REF. KF3775 .Z9 .F56 2008

Covers basics of environmental law, including judicial reviews, federal power, regulations, toxic substances control, and preservation.

[International Environmental Law in a Nutshell](#) 3d ed.

REF. K3583.6 .G88 2007

A primer on international environmental law. Covers international agreements and treaties and their implementation, plus the socio-economic issues involved. These issues include global climate change, toxic substances, dumping, pollution, desertification, nuclear damage, and more.

[Global Environment Outlook 3](#)

REF GE170 .G57 2002

A publication of the United Nations Environment Programme, this volume reports on major environmental developments from 1972 through 2002. It highlights critical worldwide trends as well as the evolution of environmental policy responses. Includes colored maps and charts.

[World Resources 2005](#)

REF. GE300 .W67 2005

Published by the World Resources Institute in cooperation with the United Nations Environmental Programme (UNEP), and United Nations Development Programme (UNDP), and the World Bank, this annual examines the state of the global environment. This particular issue looks at environmental governance. Includes extensive data tables, charts, and graphs.

[State of the World](#)

REF. HC59 .S734 2009

A Worldwatch Institute special report which examines the impact of consumption on the planet. Includes charts, data, and extensive bibliography. Annual.

[Water and the Environment Since 1945: Global Perspectives](#)

REF. D20 H56 2001 v. 7

Part of the *History in Dispute* series, this volume covers world environmental policy, pollution, protection, and treaties, and more.