

Environmental Information: Trends and Issues

A Presentation to Prof. Linda Smith's Science Reference Class

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WMRC LIBRARY

Main Page

<http://www.wmrc.uiuc.edu/library>

Reference Guides

http://www.wmrc.uiuc.edu/main_sections/info_services/library_reference_guides.cfm

Librarian's Environmental Toolkit

http://www.wmrc.uiuc.edu/info/library_docs/other_publications/Librarians-Environmental-Toolkit.pdf

COLLECTION DEVELOPMENT RESOURCES

Documents Recently Added to GLRPPR Sector Resources

http://www.wmrc.uiuc.edu/info/library_docs/SectorRSS.htm

Envlib E-mail List

List address is envlib@uga.edu. To subscribe, e-mail listserv@listserv.uga.edu and put "Subscribe Envlib [your name]" in the body.

SLA Environmental Resources Management Division

<http://www.sla.org/division/derm/index.htm>

Environmental News Bits

<http://lib.wmrc.uiuc.edu/enb>

Resource Shelf's Docuticker

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

U.S. Government RSS Library: Environment, Energy and Agriculture RSS Feeds

http://www.firstgov.gov/Topics/Reference_Shelf/Libraries/RSS_Library/Agriculture.shtml

ISSUES INFLUENCING COLLECTION DEVELOPMENT AT WMRC

EPA Library Funding

ALA Washington Office: EPA Libraries

http://www.ala.org/ala/washoff/woissues/government_info/epalibraries/epalibraries.cfm

EPA Libraries Receive Funding, SLA Receives

Clarification on EPA Plan to Restore Libraries

<http://www.capwiz.com/sla/issues/alert/?alertid=10703256>

Access to Government Information

Access to Government Information in a Digital Environment

<http://www.aaup.org/AAUP/pubsres/academe/2002/JA/Feat/Hern.htm>

Classifying Toothpaste

<http://www.washingtonpost.com/wp-dyn/content/article/2006/02/26/AR2006022601087.html>

Environmental Right to Know

<http://www.ombwatch.org/article/archive/97>

Project on Government Secrecy

<http://www.fas.org/sgp/>

EMERGING ENVIRONMENTAL TOPICS

Alternative Fuels/Renewable Energy/Energy Efficiency

Alternative Fuels Reference Guide

http://www.wmrc.uiuc.edu/info/library_docs/other_publications/Alternative-Fuels.pdf

Biodiesel Research: A Bibliography and Finding Aid

http://www.wmrc.uiuc.edu/main_sections/info_services/library_docs/TN/tn06-085.pdf

EnergyStar

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

National Renewable Energy Laboratory

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

Nanotechnology

Technology dealing with matter on a molecular size scale of nanometers (1 billionth of a meter).

Nanotechnology & the Environment: Selected Resources

http://www.wmrc.uiuc.edu/main_sections/info_services/library_docs/other_publications/nanotechnology-ref-guide.pdf

GLRPPR Sector Resources > Nanotechnology

<http://www.glrppr.org/contacts/gltopic.htm?sectorid=145>

Nanotechnology (NIOSH)

<http://www.cdc.gov/niosh/topics/nanotech/>

U.S. EPA Nanotechnology White Paper

<http://www.epa.gov/osa/nanotech.htm>

Technology Review Nanotech Channel

<http://www.technologyreview.com/Nanotech/>

Green Chemistry

Design of chemical products and processes that reduce or eliminate the use and generation of hazardous substances.

Green Chemistry Takes Root

http://www.usatoday.com/news/science/2004-11-21-green_x.htm

Green Chemistry (U.S. EPA)

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

Green Chemistry Institute

<http://portal.acs.org/portal/Navigate?nodeid=830>

Green Chemistry Network

<http://www.chemsoc.org/networks/gcn/>

Electronics Waste (E-Waste)

Environmental concerns about what happens when computer and other electronic components get dumped into landfills

E-cycling Central

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

Exporting Harm: The High Tech Trashing of Asia

<http://www.ban.org/E-waste/technotrashfinalcomp.pdf>

Managing Electronics Waste

<http://www.p2pays.org/electronics/>

Sustainable/Green Product Design

After a useful life as a healthful product, sustainable products either replenish the earth with biodegradable matter or supply high quality technical resources for the next generation of products.

William McDonough & Michael Braungart. *Cradle-to-Cradle: Remaking the Way We Make Things*

(North Point Press, 2002) Related web site:

http://www.mcdonough.com/cradle_to_cradle.htm

U.S. EPA Product Stewardship

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

Selected Sustainable Design Resources

http://www.wmrc.uiuc.edu/main_sections/info_services/library_docs/other_pubs/sustainable_design.pdf

Green Building/Architecture

The practice of increasing the efficiency with which buildings and their sites use and harvest energy, water, and materials, and reducing building impacts on human health and the environment through better siting, design, construction, operation, maintenance, and removal.

Green/Sustainable Building Reference Guide

<http://uiuc.libguides.com/content.php?pid=2484>

Green Cleaning

<http://www.resourcesaver.org/file/toolmanager/CustomerO16C45F42213.pdf>

GreenerBuildings.com

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

HEALTH AND ENVIRONMENTAL EFFECTS OF CHEMICALS

Brominated Flame Retardants

Major components of commercial formulations often used as flame-retardants in furniture foam, plastics for TV cabinets, consumer electronics, wire insulation, backcoatings for draperies and upholstery, and plastics for personal computers and small appliances.

Brominated Flame Retardants

http://en.wikipedia.org/wiki/Brominated_flame-retardant

Brominated Flame Retardants in the Environment

http://www.cerc.usgs.gov/pubs/center/pdfDocs/PBD_E.pdf

Design for the Environment Furniture Flame Retardancy Partnership

<http://www.epa.gov/oppt/dfe/pubs/projects/flameret/>

Perchlorate

Perchlorate is both a naturally occurring and man-made chemical. Most of the perchlorate manufactured in the United States is used as the primary ingredient of solid rocket propellant. Increasingly being discovered in soil and water.

Contaminant Focus: Perchlorate

<http://clu.in.org/contaminantfocus/default.focus/sec/perchlorate/cat/Overview/>

The Perchlorate Surprise

http://pubs.acs.org/subscribe/journals/esthag-w/2006/feb/science/an_best1.html

ENVIRONMENTAL LAWS AND REGULATIONS

BNA's Environment Reporter

<http://www.bna.com/products/ens/ercr.htm>

Business and Legal Reports State Environmental Compliance

<http://enviro.blr.com/newsletter.cfm/state/117>

Environmental Laws and Regulatory Resources

http://www.wmrc.uiuc.edu/main_sections/info_services/library_docs/other_pubs/legal_regulatory_info.pdf

Flinn Report: Illinois Regulation

<http://www.ilga.gov/commission/jcar/flinn/flinn.asp>

PRACTICUM/VOLUNTEER/INDEPENDENT STUDY OPPORTUNITIES

- ❖ Cataloging
- ❖ Web content development (reference guides)
- ❖ Marketing library services
- ❖ Slide/picture database project
- ❖ GLRPPR sector resource development and maintenance
- ❖ Web development programming projects, esp. for P2Rx/GLRPPR