

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/main_sections/info_services/library_reference_environmental_toolkit.cfm

Links to resources frequently used by WMRC staff.

COLLECTION DEVELOPMENT RESOURCES

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://radio.weblogs.com/0141565/>

Environmental News Feeds

<http://radio.weblogs.com/0141565/stories/2005/06/30/environmentalNewsSources.html>

Internet Scout Project

<http://scout.wisc.edu/>

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 EFFECTING COLLECTION DEVELOPMENT AT WMRC

EPA Library Funding

Bush's 2007 budget cuts target EPA libraries

<http://www.fcw.com/article92432-02-24-06-Web>

SLA Denounces Proposal to Close EPA Libraries

<http://www.sla.org/content/SLA/pressroom/pressrelease/2006prelease/pr2605.cfm>

Access to Government Information

Access to Government Information Post September 11th

<http://www.ombwatch.org/article/articleview/213/1/1>

EPA:

<http://www.ombwatch.org/article/articleview/213/1/1#EPA>

Access to Government Information in a Digital Environment

<http://www.aaup.org/publications/Academe/2002/02ja/02ja.htm>

Classifying Toothpaste

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

Project on Government Secrecy

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

EMERGING ENVIRONMENTAL TOPICS

Alternative Fuels/Renewable Energy/Energy Efficiency

Alternative Fuels Reference Guide

<http://www.glrppr.org/docs/Selected%20Resources%20in%20Alternative%20Fuels.pdf>

Biodiesel Research: A Bibliography and Finding Aid
Coming soon to the WMRC Publications web site

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 and the Environment

<http://www.environmentalfutures.org/nanotech.htm>

Conference papers

Nanotechnology and Environment

<http://eesi.rice.edu/nanotech.cfm>

National Nanotechnology Initiative

<http://www.nano.gov/html/society/EHS.htm>

Nanotechnology (NIOSH)

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

U.S. EPA Draft Nanotechnology White Paper

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

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://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=greenchemistryinstitute%5Cindex.html>

Green Chemistry Network

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

Canadian Green Chemistry Network

<http://www.greenchemistry.ca/>

Electronics Waste (E-Waste)

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

Electronics Recycling Initiative

<http://www.nrc-recycle.org/resources/electronics/managing.htm>

Exporting Harm: The High Tech Trashing of Asia

<http://www.svtc.org/cleancc/pubs/technotrash.pdf>

Managing Electronics Waste

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

U.S. Product Stewardship Institute: Electronics

http://productstewardship.us/prod_electronics.html

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

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.

Cleaning Products Pilot Project

<http://www.epa.gov/oppt/epp/pubs/cleaners/select/>

Green Building Reference Guide

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

Green Cleaning

<http://www.resourcesaver.org/file/toolmanager/CustomO16C45F42213.pdf>

GreenerBuildings.com

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

Green Roof Resources

http://www.greeningschools.org/resources/view_cat_admin.cfm?id=70

Rain Garden Network

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

U.S. DOE Geothermal Energy

<http://www.eere.energy.gov/RE/geothermal.html>

HEALTH AND ENVIRONMENTAL EFFECTS OF CHEMICALS

Perfluorooctanoic Acid (PFOAs)

Used in the manufacture fluoropolymers like Teflon.

DuPont Disputes PFOA Cancer Claim (2004)

http://pubs.acs.org/subscribe/journals/esthag-w/2004/jun/science/rr_dupont.html

Perfluorooctanoic Acid (PFOA)

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

PFCs: Global Contaminants

<http://www.ewg.org/reports/pfcworld/es.php>

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

PRACTICUM OPPORTUNITIES

- ❖ Cataloging
- ❖ Web content development
- ❖ Marketing library services
- ❖ Slide/picture database project