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Environmental Resources on the World Wide Web

Flora Shrode
Univeristy of Tennessee

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Publishers and readers are invited to send material for this column to Flora Shrode, Environmental Resources Editor, Electronic Green Journal, Hodges Library, Reference Services, University of Tennessee, Knoxville, TN 37996-1000, USA. TEL: 423-974-4415, FAX: 423-974-9242.

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Publications

Books

Periodicals on the Web

Publications on the Web

Organizations' Web Sites

Government Web Sites

International Web Sites

Education Sites

Conferences

Internet Discussion Lists

ERRATUM from this column in the December 1996 issue of Electronic Green Journal: CONSEQUENCES: The Nature & Implications of Environment <http://www.gcric.org/CONSEQUENCES/introCON.html>
Peer-reviewed quarterly journal from Saginaw Valley State University pursuant to National Oceanic and Atmospheric Administration Award No. NA56GP0028. Articles published in CONSEQUENCES are made available on the Internet by the U.S. Global Change Research Information Office (GCRIO). Contact: GCRIO User Services: 2250 Pierce Rd; University Center, MI 48710; Phone: (517) 797-2730; Fax: (517) 797-2622; E-mail: help@gcrio.org.

To receive CONSEQUENCES in a print copy on a regular basis, to request copies of back issues, or to contact the editor, please send a written request with complete address information by mail, facsimile, or e-mail to: CONSEQUENCES, Editorial Office; Saginaw Valley State University; 7400 Bay Road; University Center, MI 48710; Fax: 517-652-8772; Internet: jeddy@tardis.svsu.edu.

Publications

Forecasting the Future <http://www.nsta.org/pubs/special/pb118x.htm>
Publication from the National Science Teachers Association developed with the Scripps Institution of Oceanography. A guide for teachers of grades 6-10 featuring background information on past and potential climatic change from an interdisciplinary perspective. "Fourteen classroom activities and more than 40 extension exercises are presented to help students understand climate change through animal biology, chemistry, geology, meteorology, physics, and plant biology. The concepts are tied together by a sophisticated time line that illustrates climate changes, major occurrences of extinction, and other key events in Earth's history." The 160 page book is available for \$21.95; Contact NSTA at: 1-800-722-NSTA for Publication No: #PB118X.

Green Disk Guide to Environmental Computing

<http://www.igc.apc.org/greendisk/gec.html>

The newest edition of the guide (Version 1.2) contains over 1,100 listings of World Wide Web Sites, listservs, online databases, bulletin board services, software, educational programs, CD-ROMs and datasets. The international guide includes also articles on green computing, listings of service providers, books, conferences, workshops and much more. Published only on disk in Mac and IBM formats, the guide is easily updated and keyword searchable. Available for \$20, plus \$5 shipping and handling, orders can be placed via the web or by writing The Green Disk, P.O. Box 32224, Washington, DC 20007; Tel./Fax toll-free 1-888-GRN-DISK; Outside North America: 1-(207)-655-5472.

Indian Publications Online <http://www.india-net.com/kkagencies/kkagen.html>

The first online bookstore from India offers books published in India in English language and information on them through the web and email.

Local Environment: Information and Call for papers for Volumes 2-3 (1997-98) An international journal launched in February 1996, Local Environment focuses on local environmental and sustainability policy, politics and action, broadly defined. It encompasses both academic and practical issues and debates in the field. The composition of the editorial board reflects the publishers' intention to serve environmental practitioners in central and local governments, the voluntary and private sectors, as well as teachers, researchers and students in higher education. Submissions: The editors welcome papers which relate to local environmental and sustainability policy, practice and politics, with a focus upon 'the local' in a regional, national and international context.

Three kinds of contributions are invited:

1. Articles relating to some aspects of the journal's central concerns. These should be about 6,000 words and be written in a style which reflects the journal's readership in both academic institutions and practice. All submitted articles will be read by independent referees before being accepted for publication.
2. Viewpoints and Comment will provide an opportunity to express opinions on current or future policies, politics or other issues. These will generally be around 2,000 - 3,000 words and will not be subject to refereeing.
3. Reviews of recent books and publications. We are compiling a list of reviewers and would welcome any prospective reviewers. Reviews will normally be around 600 words. Books, publications, reviews or the names of prospective reviewers should be sent to: Sue Buckingham-Hatfield, Reviews Editor, Brunel University College, Borough Road, Isleworth TW7 1DU UK

In all cases, contributions should be submitted as hard copy. Notes for Contributors for article authors may be obtained from the editors and will be published in each issue of the Journal. North American authors should note that there is a different refereeing system. Contacts: Julian Agyeman/Bob Evans, Editors, Local Environment; Centre for Local Environmental Policies and Strategies; School of Urban Development and Policy; South Bank University, London SW8 2JZ. UK; Tel: +44 (0) 171-815 7326 Fax: +44 (0) 171-815 7330 E-mail: jagyeman@gn.apc.org/evansb@vax.sbu.ac.uk AND Mark Roseland, North American Editor, Local Environment; Community Economic Development Center; Department of Geography; Simon Fraser University; Burnaby, British Columbia; Canada, V5A 1S6; E-mail: Mark_Roseland@sfu.ca Inspection copy/subscriptions: Carfax Publishing Co, PO Box 25, Abingdon, OX14 3UE. Email: sales@carfax.co.uk Or Carfax Publishing Co, 875-81 Massachusetts Avenue, Cambridge, MA 02139, USA. Or Carfax Publishing Co, PO Box 352, Cammeray, NSW 2062, Australia. By Fax: + 44 (0)1235 401550 (UK); + 1 617 354 6875 (USA and Canada); + 61 (0)2 9958 2376 (Australia) By Telephone: + 44 (0) 1235 521154 (worldwide, 24 hours, 7 days/week); + 1 800 354 1420 (USA and Canada)

Books

Alexander, David, Andrew Goudie. *The Human Impact Reader: Readings and Case Studies*. Malden: Blackwell Publishers. 1997. ISBN 0631199810. \$26.95.

Bartone, John C. *Consumers' Reference Book and Index about Hazardous Substances in Your Life*. Annandale: A.B.B.E. Publishers Association of Washington, D.C. 1997. ISBN 0788313983. \$29.95.

Bencherifa, Abdellatif, Will D. Swearingen. *The North African Environment at Risk*. Boulder: Westview Press. 1997. ISBN 0813333628. \$24.00.

Brisk, Marion A. *1001 Ideas for Science Projects on the Environment*. Indianapolis: Macmillan General Reference. 1997. ISBN 002861707X. \$12.95.

Broad, William J. and Dimitry Schidlovsky. *The Universe Below: Discovering the Secrets of the Deep Sea*. New York: Simon & Schuster. 1997. 432 pages. ISBN 0684811081. \$30.00.

William Broad is a Pulitzer prize winner and science reporter for The New York Times and describes in his book how end of the cold war is accelerating deep-sea exploration as former military personnel and technologies enter the civil sector. The book is based on more than a decade of reporting, including hundreds of interviews and a number of dives and expeditions around the globe.

Information about the book is available from Simon and Schuster's web site <http://www.SimonSays.com>. For more information, contact Kerri Kennedy at Simon and Schuster; phone 212-698-7537; fax 212-698-7336; email kerri_kennedy@prehall.com

Chapelle, Francis H. *The Hidden Sea: Ground Water, Science, and Environmental Realism*. Phoenix: Geoscience Press. 1997. ISBN 0614274265. \$20.00.

Chapman, Graham. *Environmentalism and the Mass Media: The North South Divide*. New York: Routledge. 1997. ISBN 0415155053.

Cohen, Michael J. *Reconnecting with Nature: Finding Wellness through Restoring Your Bond with the Earth*. Corvallis: Ecopress. 1997. ISBN 0963970526. \$14.95.

Conard, Rebecca, Wayne Franklin. *Places of Beauty: Parks, Preservers, and Environmentalism*. Iowa City: University of Iowa Press. 1997. ISBN

0877455589. \$19.95.

Daily, Gretchen C. (editor). *Nature's Services: Societal Dependence on Natural Ecosystems*. Washington: Island Press. 1997. ISBN 1559634766. \$24.95.

Dean, Amy E. *Natural Acts: Reconnecting with Nature to Recover Community, Spirit, and Self*. New York: M. Evans and Company, Inc. 1997. ISBN 0871318210. \$15.00.

Dowie, Mark. *Losing Ground: American Environmentalism at the Close of the Twentieth Century*. Cambridge: M.I.T. Press. 1996. ISBN 0262540843. \$12.50.

Eagles, Paul F. (editor), Per Nilsen. *Ecotourism Annotated Bibliography*. North Bennington: Ecotourism Society. 1997. ISBN 0963633120. \$23.00.

Foster, John. *Valuing Nature?: Ethics, Economics and the Environment*. New York: Routledge. 1997. ISBN 0415148758.

Fredericks, Anothy D. Frances W. Zweifel. *Simple Nature Experiments with Everyday Materials*. New York: Sterling Publishing Company, Inc. 1997. ISBN 080691355X. \$4.95.

Freese, Curtis H. *Harvesting Wild Species: Implications for Biodiversity Conservation*. Baltimore: Johns Hopkins University Press. 1997. ISBN 0801855748. \$29.95.

Giblett, Rod. *Postmodern Wetlands: Culture, History, Ecology*. New York: Columbia University Press. 1997. ISBN 0748608443. \$28.00.

Gillman, Michael, Milton Keynes, R. Hails. *An Introduction to Ecological Modelling: Putting Theory into Practice*. Blackwell Science, Inc. 1997. ISBN 0632036346. \$39.95.

Goodman, Steven M. (editor), Bruce D. Patterson. *Natural Change and Human Impact in Madagascar*. Washington: Smithsonian Institution Press. 1997. ISBN 1560986832. \$ 35.00.

Gordon, Rue (editor; gordon@nwf.org). *Conservation Directory 1997*. Vienna, Virginia: National Wildlife Federation. 1997. ISBN 0945051638. \$55.

Available from the National Wildlife Federation; P.O.Box 9004;

Winchester, VA 22604-9004 Price is \$55.00 per copy, plus \$5 shipping and handling. NWF Member price \$49.50; College Student price \$44.00 This 42nd edition of the Conservation Directory lists information, addresses, and phone numbers for 2,600 international, national, and regional organizations, commissions, environmental departments, agencies and offices of the US Government, state agencies and citizen's groups, Canadian Government agencies and citizens groups, colleges and universities that offer conservation and environmental education programs, plus more than 16,000 officials concerned with natural resource use and management.

Goudie, Andrew, Heather Viles. *The Earth Transformed: An Introduction to the Human Impact on the Environment*. Malden: Blackwell Publishers. 1997. ISBN 0631194657. \$29.95.

Hills, Gordon H. *Native Libraries: Cross-Cultural Conditions in the Circumpolar North Countries*. Lanham: Scarecrow Press, Inc. 1997. 494 pages. ISBN 0810831384. \$59.50

Jones, Gareth, Graham Hollier. *Resources, Society and Environmental Management*. Bristol: Taylor and Francis, Inc. 1997. ISBN 1853962341. \$24.95.

Kellert, Stephen R. *Kinship to Mastery: Biophilia in Human Evolution and Development*. Washington: Island Press. 1997. ISBN 1559633727. \$22.50.

Kellert, Stephen R. *The Value of Life: Biological Diversity and Human Society*. Washington: Island Press. 1997. ISBN 1559633182. \$16.95.

Lachman, Beth E. *Linking Sustainable Community Activities to Pollution Prevention: A Sourcebook*. Santa Monica: Rand Corporation. 1997. ISBN 0833025007. \$15.00.

Liverman, Catharyn T. (editor), et al. *Toxicology and Environmental Health Information Resources: The Role of the National Library of Medicine*. Washington: National Academy Press. 1997. ISBN 0309056861. \$32.00.

Milbrath, Lester W., Tom Toles, David T. Suzuki. *Learning to Think Environmentally: While There Is Still Time*. Albany: State University of New York Press. 1996. ISBN 0791429547. \$9.95.

Nester, William R. *The War for America's Natural Resources*. New York:

Saint Marti's Press. ISBN 0312165919. \$18.95.

Environmental Indicators for Agriculture. Washington: Organization for Economic Cooperation and Development. 1997. ISBN 9264153152. \$14.00.

Percival, Robert V. *Law and the Environment: An Interdisciplinary Reader*. Philadelphia: Temple University Press. 1997. ISBN 1566395240. \$29.95.

Pickering, Kevin T., Lewis A. Owen. *Introduction to Global Environmental Issues*. New York: Routledge. 1997. ISBN 0415140994. \$24.95.

Pohanish, Richard P. *Rapid Guide to Hazardous Chemicals in the Environment*. New York: Van Nostrand Reinhold. 1997. ISBN 0442025270. \$29.95.

Records, Maryla W. et al. *Domestic 007 Eliminating Hidden Killers in Your Home: Ridding Your Home of Harmful Chemicals and Cancer-Causing Agents*. Silver Spring: Earth Wise Publications. 1997. ISBN 0965579301. \$18.95.

Resources for Global Sustainability. *Environmental Grantmaking Foundations, 1997*. Rochester: Resources for Global Sustainability. 1997. ISBN 0963194348. \$95.00.

Rousseau, David. *Healthy by Design: Building and Remodeling Solutions for Creating Healthy Homes*. Point Roberts: Hartley and Marks, Inc. 1997. ISBN 0881791350. \$24.95.

Schneider, Stephen H. *Laboratory Earth: The Planetary Gamble We Can't Afford to Lose*. New York: Basic Books. 1997. ISBN 0465072798. \$20.00.

Shivakoti, Ganesh (editor), et al. *People, Participation and Sustainable Development: The Dynamics of Natural Resource Systems*. Bloomington: Indiana University Workshop in Political Theory and Policy Analysis. 1997. ISBN 1889740020. \$10.00.

Soroos, Marvin S. *The Endangered Atmosphere: Preserving the Global Commons*. Columbia: University of South Carolina Press. 1997. ISBN 1570032033. \$19.95.

Student Conversation Association. *The SCA Guide to Graduate*

Environmental Programs. Washington: Island Press. 1997. ISBN 1559633409. \$16.95.

Waddell, Craig. *Landmark Essays on Rhetoric and the Environment*. Mahwah: Lawrence Erlbaum Associates, Inc. 1997. ISBN 188039328X. \$26.00.

Warren, Karen J. (editor). *Ecofeminism: Women Culture Nature*. Bloomington: Indiana University Press. 1997. ISBN 0253210577.

Weinstein, Miriam. *The Princeton Review Making A Difference College Program, 1995-96* (5th edition of Making A Difference College Guide). New York: Random House, Inc., 1996. ISBN 0-679-76151-9. \$15.00
Profiles nearly 100 distinctive colleges and programs emphasizing practical majors leading to meaningful work.

Wildavsky, Aaron. *But Is It True: A Citizen's Guide to Environmental Health and Safety Issues*. Cambridge: Harvard University Press. 1997. ISBN 0674089235. \$19.95.

Towards Sustainable Publishing

by Dr Martin Woodhouse

<http://www.hgur.se/envir/miljo21/old/0197.html>

A report comparing total environmental impact of creating a book in electronic format for reading from the screen to printing an identical book on paper in the traditional process. The book used for the study is a novel titled, "The Harp That Once", by Patrick Hall which has 220 pages in paper form, and 260 pages when published in "Illumination" format on diskette. Dr. Woodhouse uses Life Cycle Analysis (LCA) to compare the overall impacts of the manufacture, use, and disposal of these two items, and he discusses practical and conceptual difficulties associated with the approach. The conclusion drawn in the report is that publishing in electronic format has far less environmental impact than publishing on paper. For a free copy of the e-book "Towards Sustainable Publishing", please send your full postal address via email to Martin Charter, Director, Eco-Innovations Publishing (an imprint of Epsilon Press Ltd) 101336.3560@CompuServe.COM

Zimmerman, Michael E. *Contesting Earth's Future: Radical Ecology and Postmodernity*. Berkeley: University of California Press. 1997. ISBN 0520209079. \$16.95.

The six titles below are from Greenleaf Publishing. Orders should be sent to: Greenleaf Publishing, Broom Hall, 8-10; Broomhall Road, Sheffield

S10 2DR, UK; Tel: +44 114 266 3789; Fax: +44 114 267 9403; Email:
greenleaf@worldscope.co.uk

Greening People: Human Resources and Environmental Management

Edited by Walter Wehrmeyer

The Durrell Institute, University of Kent, Canterbury, UK

ISBN 1-874719-15-2 July 1996

416pp hardback, 234x156mm

#29.50/US\$52

Greener Marketing: A Responsible Approach to Business

Edited by Martin Charter

ISBN 1-874719-00-4 1992 (2nd Edition due October 1997)

403pp hardback

#25.00/US\$45.00

ISO 14001 and Beyond: Environmental Management Systems in the Real World

Edited by Christopher Sheldon

ISBN 1-874719-01-2 Available November 1996

350pp paperback

#16.95/\$30.00

Greening the Boardroom: Corporate Governance and Business Sustainability

Edited by Dr Grant Ledgerwood, University of Greenwich, UK

ISBN 1-874719-02-0 Available January 1997

c. 200pp hardback

#45/US\$75

Environmental References in Business

Walter Wehrmeyer

The Durrell Institute, University of Kent, Canterbury, UK

ISBN 1-874719-05-5 1994

277pp paperback

#25.00/US\$45.00

Comprehensive, indexed bibliography of existing business and environment literature (about 3000 titles).

In the Company of Green: Corporate Communications for the New Environment

David Bernstein

Published by the ISBA

ISBN 0-906-241-235 1992

189pp paperback
#16.00/US\$30.00

Periodicals on the Web

Conservation Ecology from The Ecological Society of America
<http://www.consecol.org>

The first online journal from the Ecological Society, Conservation Ecology will encourage publication of interdisciplinary and nontraditional articles in categories of synthesis, research, perspective, and insight. Papers will undergo rigorous peer review. Each issue of the journal will be open for six months, and papers will be added as they are completed. At the end of six months, the issue will be closed and all subscribers will receive an email of the final table of contents. Back issues will always be available on the site. A Readers' Corner will provide opportunities for reaction and online discussion, and a policy discussion area will be available. Contact: The Ecological Society of America; 2010 Massachusetts Avenue, N.W., Suite 400; Washington, DC 20036; Phone: (202) 833-8773

eNetDigest (tm) A Publication of Paragon Services, Kathy E. Gill,
publisher <http://www.enetdigest.com>

Mining Company Agriculture Site <http://agriculture.miningco.com> ISSN
1090-3054

eNetDigest is a guide available through email subscription to Internet resources dealing with the environment, natural resources and agriculture. Sites reviewed include organizations as well as scientific, governmental and political resources. The publisher rates web sites by assessing their content, design and ease of use; opinions expressed are those of the author. For information: send e-mail to: info@enetdigest.com. In subject line, type 'info' To subscribe: send e-mail to: <mailto:subscribe@enetdigest.com> in the subject of the message, type 'subscribe' in the body of the message type: subscribe your-e-mail-address and please include demographic information (job title, interests) OR subscribe from the web site at <http://www.enetdigest.com/subscribe.html>

Environmental Building News <http://www.ebuild.com>

A statement on the home page says, "Environmental Building News is the leading periodical on environmentally sustainable design and construction." Table of contents of current issues and some stories from

older issues are accessible. Product reviews are included with links to fulltext reviews. The archive of an email discussion list on green building is available from the site.

Environmental Reviews <http://www.cisti.nrc.ca/cisti/journals/rjenv.html>

ISSN 1208-6053 Environmental Reviews is a partial electronic version of the print journal of the same title. Recent issues are available as fulltext, back issues as abstracts. Launched in 1993, this journal publishes reviews from international authors on topics such as climate change, forest management, harvesting impacts, air pollution, ozone, acid rain, UVb, forest decline, pesticide use and effects, lake acidification, marine pollution, ecology of oil spills, toxic chemicals and aquatic and terrestrial food chains, heavy metals in the environment, ecological impacts of dams, biological control, food chain biomagnification, reclamation of contaminated land, rehabilitation of polluted aquatic systems, impacts of toxicants on nutrient cycling and on microbial populations, erosion and agriculture, agroforestry and bioindicators.

Environmental Technology <http://www.environet.net/pub/et/index.html>

This online version of the print journal of the same name focuses on advanced science and engineering. Articles are provided as full-text in HTML form. Some articles appearing in the September 1997 issue are, "In Situ Treatments Using Water as the Carrier," "Managing VOC compliance at Wastewater and Hazardous Waste Facilities," and "Reactive Barriers to Treat Areas Adjacent to Source Zone." Viewpoint columns, legal counsel, news and product news is also published in the online version of the Journal. There is no subscription charge to read the electronic publication. Email: cheadings@mail.aip.com

Exploratorium's What's New in the World
http://www.exploratorium.edu/learning_studio/news

Monthly newsletter published by Science Learning Network. It is fully searchable and back issues are available.

Global Change Electronic Edition <http://www.globalchange.org>

This electronic newsletter is designed to familiarize the public with issues associated with climate change and ozone depletion. The magazine comes from the Pacific Institute for Studies in Development, Environment, and Security (Oakland, California) and began publication in July 1996. Full-text articles are posted almost; listings of articles are

provided by month and by category; and articles are searchable. A glossary is also provided along with the ability to monitor this site and received email when changes are made.

GreenNotes

<http://www.ala.org/alaorg/rtables/srrt/greenotes/greenotes.html>

An electronic publication of the Task Force on the Environment of the American Library Association's (ALA) Social Responsibilities Round Table. The first issue provides news of the task force's activities at ALA conferences. Sections provide news and updates on the EPA, ALA, and the National Institute for the Environment and National Library for the Environment. Reports on issues and resources in environmental education, tools for libraries and librarians, Internet sites, and environmental issues.

To comment on or request additional information about GreenNotes or the ALA Task Force on the Environment, contact GreeNotes Editor: Frederick W. Stoss, M.S., M.L.S.; Associate Librarian; Science and Engineering Library; Capen Hall -- Room 228-B; SUNY Buffalo; Buffalo, NY 14260-2200; 716/645-2946 ext.224; fstoss@acsu.buffalo.edu

Looking Glass: New Perspectives on Children's Books

http://www.fis.utoronto.ca/~easun/looking_glass

Electronic journal about children's literature launched in April 1997. e-mail: tcscl@fis.utoronto.ca Contact: Doug Crane, Publishing Assistant The Toronto Centre for the Study of Children's Literature
<http://www.fis.utoronto.ca/~easun/tcscl/index.htm>

Natural Resources Information Council Newsletter

<http://www.usu.edu/~cnr/quinney/.htm> (spring 1997 issue)

NRIC newsletter provides links to web sites at foundations and granting agencies as well as to sources for information on sustainability, ecological economics, biodiversity, forests, and more. Mr. Jan E. Heckman at Utah State University, Quinney Natural Resources Research Library is editor.

Oneworld <http://www.envirolink.org/oneworld/index.html>

Free online magazine hosted by EnviroLink (<http://www.envirolink.org>) which emphasizes how individuals and small foundations can contribute to change needed in environmental issues. The publication focuses on

biological and cultural diversity and presents articles and images from around the world.

Wildlife Research

<http://www.publish.csiro.au/journals/wr/electronic.html>

Wildlife Research is an electronic version of the print journal by the same name. Access to the electronic edition of the journal will be FREE during 1997. After that, access will be restricted to subscribers. Individual papers within each issue are available as Portable Document Format (PDF) files, which appear in exactly the same format as the print version. For information, contact jenny.cameron@publish.csiro.au

Topics of some recent articles:

- * Modeling the relative efficacy of culling and sterilization for controlling populations.
- * Social organization and warren use of the burrowing bettong, *Bettongia lesueur* (Macropodoidea : Potoroidae).
- * Evaluation and cost-effectiveness of strychnine for control of populations of wild house mice (*Mus domesticus*) in Victoria.
- * Field evaluation of olfactory lures for feral cats (*Felis catus* L.) in central Australia.
- * A survey of the South Australian glossy black-cockatoo (*Calyptorhynchus lathami halmaturinus*) and its habitat.

Publications on the Web

Alliance for Environmental Technology (AET) <http://aet.org>

"AET is an international association of chemical manufacturers and forest products companies dedicated to improving the environmental performance of the pulp and paper industry." The fourth annual market study has recently been released, titled, "Trends in World Bleached Chemical Pulp Production: 1990 - 1997," the report is available at AET's web site or by calling (800) 999-PULP.

Chemistry & Industry <http://ci.mond.org/home.html>

Published by The Society of Chemical Industry, this free online publication is offers daily updates of science and business news and includes announcements of meetings and a searchable database of job listings. A section devoted to Environmental Science is accessible in the magazine's archives section at

<http://ci.mond.org/archive/envirosci.html>.

Links to environmental web sites in education and from government, non-profit, and commercial organizations are provided.

HMS Beagle: On-line archive of articles in medicine and biology
<http://biomednet.com/hmsbeagle>

Named after the ship that carried Charles Darwin on his expedition to the Galapagos Islands in the 1830s, this site provides research news, essays, profiles, cartoons, and other features for biological and medical researchers. Based on the BioMedNet archive, the site is updated monthly and is available free to anyone, but users must register by providing information about their interests. Most of the features are written or created by academic researchers.

Oil Spill Bibliography on the WWW <http://www.lib.lsu.edu/osradp>

Selected Abstracts and Bibliography of International Oil Spill Research 1996; Sponsored by Louisiana Oil Spill Coordinators Office/Office of the Governor, American Petroleum Institute, and Marine Spill Response Corporation The site provides a collection of zipped word processor documents and text files.

Our Changing Planet FY 1998: report from the U.S. Global Change Research Program <http://www.gcrio.org/ocp98/toc.html>

The FY 1998 is now available in print and online. Our Changing Planet is a report to Congress which supplements the President's FY98 budget, pursuant to the Global Change Research Act of 1990. "The report describes the U.S. Global Change Research Program (USGCRP); reviews progress in global change research over the past decade; presents highlights of recent and current research on key global change environmental science issues; outlines integrative activities and perspectives supported by the USGCRP; discusses new global change research challenges in the coming decade; and provides a detailed view of the FY98 USGCRP budget, including FY98 program components and program highlights by agency."

Print copies of Our Changing Planet FY 1998, as well as previous editions and other global change publications, are available free of charge. Copies may be ordered by using the GCRIO Document Request Form at: <http://www.gcrio.org/OnLnDoc/docreq-form.html> Copies may also be

requested via the address, email, phone and fax numbers below.

U.S. Global Change Research Information Office; User Services; 2250 Pierce Rd.; University Center MI 48710; phone 517-797-2730; fax 517-797-2622; Email: help@gcrio.org URL: <http://www.gcrio.org>

Social Sciences in Forestry

<gopher://minerva.forestry.umn.edu:70/11/SSiF> gopher to: minerva.forestry.umn.edu <gopher://minerva.forestry.umn.edu> select: Social Sciences in Forestry Bibliography Other U of M Forestry Bibliographies Browsable (by subject area) and searchable database of the quarterly print bibliography, produced by the Forestry Library at the University of Minnesota. It contains briefly annotated citations in 43 subjects in four major areas (forestry at large, forest management, forest goods and services, and forest industries). At present 48 issues (1985-1996), containing over 30,000 citations, are available for subject browsing or keyword searching. The only drawback to this bibliography is that citations must be downloaded/printed one at a time. See the "About SSiF" section for interlibrary loan availability of cited publications. SSiF is one of seven briefly annotated forestry-related bibliographies (time span varies) available from the Forestry Library gopher server.

Sustainable Business Network <http://www.envirolink.org/sbn>

Part of the Envirolink project, this site is comprehensive and well-organized offering the Sustainable Business Journal, a library, and business opportunities. The Events section of the journal (<http://www.envirolink.org/sbn/events.html>) has extensive listings of conferences in the U.S. and around the world. The Library describes books, periodicals, online publications, and other resources related to environmental education, conservation, and sustainable business practices.

Wetlands Webrary and Webliography

<http://www.lib.ttu.edu/subject/bill/biology/playa/playa.htm>

A bibliographic database on playa wetlands and the Ogallala Aquifer is provided online by Texas Tech University. The site is searchable and provides features such as: full text articles; indexing by name, geographic region, and subject; image gallery; Web directory of agencies working on playa research;; listing of related Web sites, and a form to add relevant citations. Topics covered include natural resource management, geology, hydrology, soils, aquatic ecology, terrestrial

ecology, and wildlife. Many abstracts are also provided.

Organizations' Web Sites

EcoMall <http://www.ecomall.com>

This award-winning site offers information about environmentally-friendly companies and products. Updated daily, sections include a Business-to-Business division, Daily Eco News, Activist Resources, Renewable energy information, articles, speeches, hundreds of links to environmental sites.

EcoTopia <http://www.ecotopia.org>

This Web site uses computer simulation to model Santa Cruz, California as an ideal environmental community. For Ecotourists and Green Consumers, EcoTopia strives to offer the nation a model of integration of technology and environmental remediation using computer modeling and image forecasting. Sections include an Ecology Hall of Fame featuring heroes of the environmental movement, presentation of Santa Cruz's Circle Trail and events there, and a long list of Web sites on the environment.

Garden State EnviroNet <http://www.gsenet.org>

The Garden State EnviroNet (GSENET) now offers a full range of FREE online services to the New Jersey environmental community. Started in late 1992 with a Bulletin Board System, it now features the following components: Bulletin Board: Using your general purpose communications program to dial in, this system provides the main library of files (over 1,000), News & Press releases, plus the file library of the New Jersey Chapter of the Sierra Club. New on the system is an optional Windows front end available for download. Set your communications program to dial: 201-627-9213, 8N1, ANSI, 14,000. ListServer: This very popular feature allows you to receive an email subscription to the Garden State EnviroNews. A daily digest of news and events of special interest to New Jerseyites, this is the easiest way to "stay in touch" with a diverse selection of topics. To start your subscription, just send this message: subscribe gsenet-L to: majordomo@igc.org Web Site: Started in the Fall of 1996, low on graphics - high on content! Action Alerts, Calendar of Events, daily EnviroNews, newsletters and other documents, and links to many other organizations in New Jersey. Contact information, email: mailbox@gsenet.org; Phone 201-586-4128; Fax 201-627-8616; mail Garden State EnviroNet; 75-D Upper Hibernia Rd.

Rockaway, NJ 07866

Libraries for the Future: Environmentalist's Guide to the Public Library, Spring 1997 <http://www.lff.org/services/envgui.html>

Libraries for the Future (LFF; <http://www.lff.org>) is a national organization of public library advocates dedicated to enhancing the relationship between libraries and communities, particularly those with limited resources. LFF aims to educate and activate potential and current library users to become library advocates. LFF has produced an updated edition of The Environmentalist's Guide to the Public Library, an information handbook for environmental organizers. Contact: Libraries for the Future; 121 W. 27th Street, Suite 1102; New York, NY 10001; phone (212) 352-2330 or (800) 542-1918; fax (212) 352-2342; email lff@lff.org

National Oil Recyclers Association (NORA) State Contacts for Used Oil <http://www.noraoil.com/where.html>

The site includes basic instructions for disposal of used oil as well as state contacts on used oil in the United States. The National Oil Recyclers Association is a non-profit trade association advancing the interests of companies worldwide engaged in the safe recycling of oil. NORA's mission is "to encourage the proper recycling of used oil, oil filters, used antifreeze and other automotive and industrial materials through education and the development of appropriate legislation and regulations at all levels to protect human health and the environment.

Saskatchewan Environmental Society <http://www.lights.com/ses>

The web site states that the "mission of the Saskatchewan Environmental Society is to support and encourage the creation of a global community in which all needs are met in sustainable ways." Society projects related to consumer conservation and community roundtable discussions in many areas of Saskatchewan to gather stakeholders in environmental problem solving. The society has a library which offers teachers curriculum guides.

Stephenson Strategies <http://www.stephensonstrategies.com/index.html>

David Stephenson, environmental management specialist and owner of Stephenson Strategies in Medfield, Massachusetts, created and maintains this site with the stated goal of, "helping companies find profitable inspiration in nature." The web site includes speeches, articles,

and workshop information on environmental management issues, with a primary theme of identifying waste and reducing it to improve efficiency. A section of Weekly Strategic Environmental Tips (http://www.stephensonstrategies.com/tips/current_tip.html) offers corporations suggestions for increasing profits while reducing negative environmental impact.

Wildlife Health Information Partnership (WHIP)
http://www.emtc.nbs.gov/http_data/whip/whiphmpg.html

WHIP is an open collaborative project among groups interested in the field of wildlife health including federal, state, and local governments, professional organizations, universities, zoological parks, conservation groups, and individuals around the world. Initiated by the National Wildlife Health Center (NWHC), a Science Center of the Biological Resources Division of the U.S. Geological Survey, WHIP's goal is to share information about the status and trends of diseases and health management in free-ranging and captive wildlife. WHIP serves a general forum for news and announcements of interest to the wildlife health community.

Zoo of Bauru <http://www.bauru.com/zoo>

Web site presents the Municipal Zoological park of Bauru, Brazil which celebrated its 16th anniversary in summer 1997.

Government Web Sites

The Department of the Interior's Natural Resources Library
<http://www.ios.doi.gov/nrl>

The Library offers a Virtual Reading Room with Web links leading to information related to topics related to earth, atmospheric, biological, economic, anthropological and other natural and social sciences; use, management and conservation of natural and cultural resources; public policy; and history of the US west; and the study of American Indians and Alaska Natives. A Virtual Reading Room provides access to over 700 journals, and 100 magazines, print and electronic news outlets, and numerous public, university and other libraries around the world. The information accessible from this Room comes from the Department of the Interior, other Federal, state and international agencies, universities and other non-governmental sources. Although the library catalog is still under construction, it has two collections: the General Collection of about 950,000 holdings in the broad disciplines related to the

Department's mission and the Law Collection of about 100,000 holdings on natural resources and Native American laws.

US EPA Home Page Redesigned for easier use <http://www.epa.gov>

The United States Environmental Protection Agency introduced a new web page in October 1996 designed to be more intuitive for all EPA users. The site includes six user categories containing links appropriate for each group: Kids, Students and Teachers, Concerned Citizens, Researchers and Scientists, Business and Industry, and State, Local, and Tribal Governments. Topical categories include: About EPA; EPA News; Offices, Regions and Labs; Programs and Initiatives; Regulatory Information; Contracts, Grants and Financing; Publications; Information Services; and Systems and Software. A browse function provides connection to offices dealing with specific environmental issues, and a search screen allows searching the entire site or specific areas of the EPA's web resources.

Library of Congress Country Studies/Area Handbook Program
<http://lcweb2.loc.gov/frd/cs/cshome.html>

The handbooks are prepared by the Federal Research Division of the Library of Congress under the Country Studies/Area Handbook Program sponsored by the Department of the Army. Studies of 71 countries are presently available in the continuing series. Written by multidisciplinary teams of social scientists, most books focus on a particular foreign country.

The authors seek to provide a basic understanding of the society by describing and analyzing its political, economic, social, and national security systems and institutions, and examining the interrelationships of those systems and the ways they are shaped by cultural factors. Information on all countries may not be up to date, but the "Research Completed" date is listed at the beginning of each study. The collection is searchable on the web by specific country or a combination, and tables of contents of the handbooks are accessible.

Sustainable Development Department (SD)
[http://www.fao.org/waicent/faoinfo/sustdev/welcome .htm](http://www.fao.org/waicent/faoinfo/sustdev/welcome.htm)

Web site provides information about four key dimensions of

sustainability which are the focus of the Sustainable Development Department of the Food and Agriculture Organization of the United Nations. The dimensions are: people's participation and mainstreaming of women in development, agrarian transformation, research, extension and education, and natural resource monitoring and management.

Terrestrial Salamander Monitoring Program <http://www.im.nbs.gov/sally>

This program seeks volunteers to establish monitoring sites to provide information about population changes in the terrestrial salamander. Sites may be in the United States, Canada, and Mexico. Project coordinators are Dan Lantz, FreeLantz Solutions, dlantz@minn.net, 612-714-3865 and Sam Droege, frog@nbs.gov, 301-497-5840

Test Method Index <http://www.epa.gov/epahome/index>

Test methods are "approved procedures for measuring the presence and concentration of physical and chemical pollutants; evaluating properties, such as toxic properties, of chemical substances; or measuring the effects of substances under various conditions. The U.S. EPA has formulated hundreds of test methods for use by U.S. environmental labs. EPA Region I library created this index to improve access to the methods, though "the index is not an official EPA publication nor does inclusion or exclusion of methods indicate EPA approval or disapproval of any method." Methods are presented in an alphabetical list using the substance or method name. The list is searchable using a web browser's "find" function.

Committee for the National Institute for the Environment
<http://www.cnie.org>

National Library for the Environment <http://www.cnie.org/nle>

The Committee for the National Institute for the Environment aims to improve the scientific basis for making decisions on environmental issues through institutional reform of the federal government and the creation of a nonregulatory science agency known as the National Institute for the Environment. The site includes a directory of higher education programs with details of both undergraduate and graduate degree options. A prototype National Library for the Environment, an on-line

source of environmental information, is being developed and 250 full-text U.S. Congressional Research Service (CRS) reports on environmental issues are accessible at the Library web site.

International Web Sites

Central European Environmental Data Request Facility (CEDAR)

<http://pan.cedar.univie.ac.at/cedar>

Since 1992 CEDAR has provided computing and Internet support for international data exchange within the Central and Eastern European environmental community as part of the United Nations Environmental Programme's INFOTERRA Network.

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CITES: Convention on International Trade in Endangered Species of Wild Fauna and Flora Information Service on the WWW

<http://www.wcmc.org.uk/CITES>

This site is trilingual, with options for reading and searching in English, French, or Spanish. Species information is provided in a searchable database produced from records maintained by the World Conservation Monitoring Centre in the United Kingdom. The species database for animals (at <http://www.wcmc.org.uk/CITES/english/fauna.htm>) is operational, while the plant database is still being developed.

The International Conservation Networking System <http://www.iucn.org>

A relational database management system designed to support networking on biodiversity and conservation issues, and for information management by indigenous and community-based organizations. Free software facilitates management of bibliographies, organizational and expertise directories, projects and events, laws, geographic areas, species information, Internet resources, indigenous and local communities, data custodians, acronyms and topical discussions and definitions in an encyclopedia. The International Conservation

Networking System has a mailing list, ICONS_L, to serve ICONS software users with technical support and to foster discussion which will help to improve it. The ICONS software is available for free download for non-profit and educational activities from the web site. To subscribe to the ICONS_L mailing list, send the following request to img@indaba.iucn.org: subscribe Icons_L or join Icons_L. Preston Hardison (pdh@indaba.iucn.org) is the list manager.

International Human Dimensions Programme on Global Environmental Change (IHDP) <http://www.uni-bonn.de/IHDP>

Initiated in 1990, the IHDP was established to address the role that human activities play bringing about global environmental change and the consequences of such change. The site provides access to IHDP Update, the program's newsletter.

New Zealand Forestry <http://www.nzforestry.co.nz>

The site presents the NZ forestry industry which is internationally respected for its use of sustainable forestry practices and is a world leader in developing environmental standards for forest certification. NZ's pine species *pinus radiata*, native to California, has a variety of uses including pulp and paper, glulam, plywood, structural timber, mouldings, componentry, and furniture. New Zealand Pine International is a magazine published by Neilson Scott Limited about the industry; issues are accessible from the site which is sponsored by the publisher. News from the New Zealand Forest Owners Association is also accessible.

Panos Institute <http://www.oneworld.org/panos/index.html>

Panos Institute, in London, is an international information organization established in 1986 to promote development that is sustainable socially, environmentally, and economically. Panos is involved with strengthening the media's capacity for responsible reporting in areas such as AIDS in developing countries, women and conflict, and environmental management. The Institute's features service uses a network of over 150 correspondents in 50 countries to provide stories about the environment and development from the developing world for media outlets worldwide. In March 1997 the institute won an international press award for its "factual and researched reporting which focuses on the particular problems of countries with limited resources."

Global Information Network on Chemicals <http://www.nihs.go.jp/GINC>

Service maintained by Division of Chem-Bio Informatics, The National Institute of Health Sciences (NIHS) of Japan (<http://www.nihs.go.jp>) which provides to promote safety in use and exposure to chemical substances. The site includes a database search (<http://db.nihs.go.jp/>) and a Web Guide (<http://www.nihs.go.jp/GINC/useful.html>) which lead to information about safe handling and use of chemicals.

Vietnam Science, Technology and Environment
<http://coombs.anu.edu.au/~vern/avsl.html>

The Australia Vietnam Science-Technology Link is concerned with improving environmental conditions in Vietnam. Maintained by a professor at Australian National University, a major goal of the site is to provide tools for Vietnamese scientists working on solutions to environmental problems using appropriate technology. Full-text documents about Vietnam, environmental law, and guidebooks for workers in rural Asia are accessible. The site links to databases listing names and contact information of about 3000 Vietnamese scholars in natural and social sciences. Information and postings are available for online discussion lists, one from the Australia Vietnam Science-Technology Link and one for Vietnam Information Technology. Papers from a conference held in December 1996 are posted: Proceedings: Environment and Development in Vietnam 1996 Conference are accessible at http://coombs.anu.edu.au/~vern/env_dev/seminar96.html Maintainers of the site also maintain the Vietnam WWW Virtual Library site at <http://coombs.anu.edu.au/WWWVLPages/VietPages/WWWVL-Vietnam.html>

Education Sites and Opportunities

Biodiversity and Biological Collections <http://muse.bio.cornell.edu>

Web site useful to systematists and organismic biologists. Searchable resources lead to information about specimens in collections, biologists, biologists' publications, taxonomic authority files, and much more. Topic headings on the site are: botany, herpetology, invertebrates, entomology, ichthyology, mammalogy, mycology and microbiology, ornithology, biological societies, data models, biodiversity, geology and earth sciences, natural history museums Listserv archives are accessible for BIO-AUTH, Taxacom, MUSE-L, Cichlid-L, and PEET-L. The site, hosted at Cornell University, reports on MUSE, a National Science Foundation

supported project at the University of Kansas Natural History Museum which works to provide software for the curation of natural history collections.

Biology Education Project - South Africa

http://www.botany.uwc.ac.za/sci_ed

Maintained by the Botany Department at the University of the Western Cape, South Africa, The Biology Education Project aims to produce and distribute teaching aids via the Internet. The resources are globally accessible, and Project creators hope to encourage biology teachers and pupils around the world to interact with their counterparts in South Africa.

Bureau of Land Management Environmental Education Homepage

<http://www.blm.gov/education/education.html>

A statement at the web site says, "The goal of the BLM's Environmental Education Program is to realize healthier and more productive public lands through better educated citizens who are willing to assist in solving complex environmental problems. The program includes both a school-based component and a public education and participation component." BLM's programs present concepts and principles of managing within nature's limits to teach students to become innovators and to make sound environmental management decisions.

Directory of Higher Education Environmental Programs

from the Committee for the National Institute for the Environment

<http://www.cnie.org>

The Directory contains detailed information on undergraduate and graduate interdisciplinary programs, including the full spectrum of environmental disciplines. Administrators, faculty and staff can submit information through a Survey Form at www.cnie.org. The form is designed to collect information about program objectives, information on the process of establishing the program, special opportunities for students, employment statistics, and contact names for colleagues and prospective students. In an effort to simplify the information available in the Directory, only degree-granting programs will be included. Contact Alison Lee at (202) 530-5810 or staff@cnie.org for more information.

Epidemiology, the Internet and Global Health: Supercourse on the Web

from the Global Health Network

<http://www.pitt.edu/HOME/GHNet/GHNet.html>

Global course offered over the Internet by scientists from around the world aimed at improving the teaching of epidemiology/public health and telecommunications. Lectures are accessible at

<http://www.pitt.edu/~super1/lecture1>

The lectures, by leading experts in epidemiology and telecommunications, will be peer-reviewed and are numbered consecutively (/lecture2, /lecture3, etc.). Sixteen lectures available by January 1998. The British Medical Association is providing texts for the course free over the Internet.

Global Environment Institute (GEI)

<http://www.internetserver.com/~smaes/GEI/PUBLIC/geifr.htm>

A graduate-level educational institute based in Boston, the GEI is organizing problem-oriented, multidisciplinary institutes to begin in summer of 1998.

Harvard Environmental Resources On-Line

<http://environment.harvard.edu>

Designed to serve the electronic information needs of Harvard University's environmental research, education and outreach communities, this site also includes useful resources for those outside the Harvard community. The Harvard environment faculty bibliography is a searchable database of publications authored by Harvard University faculty who have identified themselves as environmental researchers. Archives for ENVREFLIB-L, an electronic mail discussion list for environmental reference questions and answers, are accessible at the site. Participation in EnvRefLib-L is restricted to current members of the Harvard University Community but the archives are available to all.

Information Center for the Environment (ICE) from University of California, Davis <http://ice.ucdavis.edu>

The ICE is a cooperative effort of an interdepartmental team of environmental scientists at the University of California, Davis and

collaborators at over thirty private, state, federal, and international environmental organizations. ICE's web site aims to provide an access point for information useful for environmental protection. Project descriptions are available for several California and Western U.S. research programs as well as links to collections of bibliographic material and web sites related to ecology and conservation.

Innovative Transportation Technologies

<http://weber.u.washington.edu/~jbs/itrans>

Maintained by Jerry Schneider (jbs@u.washington.edu) at the University of Washington, Seattle, this site provides information on alternative transportation systems which "offer the potential for reducing auto-dependence and urban congestion over time" which is related to the "goal of achieving more sustainable cities and economies worldwide."

National Center for Ecological Analysis and Synthesis

<http://nceas.ucsb.edu>

Established in 1995 by the National Science Foundation, with additional support from the State of California and the University of California, Santa Barbara, the NCEAS focuses on collaborative, basic and applied research on the structure and dynamics of ecological systems. The NCEAS organizes and synthesizes ecological information to facilitate its use by researchers, policy-makers and resource managers addressing important environmental issues.

Natural Resources Research Information Pages

<http://www.vt.edu:10021/Y/yfleung/nrrips.html>

A comprehensive collection of research-oriented natural resources web sites around the world, NRRIPS is intended to support students, researchers, and practitioners in natural resources fields. Organized by region and country, this site includes links to natural resources institutions, organizations, agencies, literature, databases, bibliographies, journals and conference news, and the site includes a specific page for outdoor recreation research. This site is rated three-star by both the Magellan Internet Guide and the Argus Clearinghouse: The Premier Internet Research Library, and is linked by more than 100 related web sites in 15 countries. The site is maintained by Yu-Fai Leung, Department of Forestry, Virginia Tech.

Three New Publications from the Internet Scout Project:

Scout Reports for Science & Engineering, Social Science, and Business & Economics <http://scout.cs.wisc.edu/scout/report/index.html>
<http://rs.internic.net>

The Internet Scout Report project has three new subject specific Scout Reports for Science & Engineering, Social Science, and Business & Economics. Launched in fall 1997, they were designed with advice from academics in each field and the librarians who serve them. Reports will be compiled by librarians and content specialists and published every two weeks via e-mail and the Web. See the web site for subscription information. Contacts: Susan Calcari; Project Director and Managing Editor; scal@cs.wisc.edu; 608.265.8042 and Jack Solock; Editor, Scout Report and Subject Specific Scout Reports; jacks@cs.wisc.edu; 608.262.6606

SpORE(Spatially-Oriented Research in Ecology)
<http://www.wsu.edu:8080/~jthomas/spore.html>

Site provides links to research sites in three main areas: population modeling, spatial analysis, and genetics. Links to sources for public domain spatial data and mapping facilities, news of research conferences, spatial ecology literature resources, sites which provide or describe modeling software, graduate programs, and job announcements.

Conferences

Science for a Sustainable Society: Integrating Natural and Social Sciences 1st European Dialogue Conference
<http://www.teksam.ruc.dk/sustain>
October 26-29, 1997, Department of Environment, Technology and Social Studies, Roskilde University, Denmark

This conference aims to contribute to the development of a sustainable society and to establish fora for current and future discussions on the integration of natural and social sciences. Conference planners hope to strengthen problem oriented, holistic, and interdisciplinary research, Themes addressed will be: methodological issues concerning integration of natural and social sciences; the transition from discipline oriented research to problem oriented research; interdisciplinary research - new paradigms, new disciplines or new methods; interdisciplinarity as a necessity in confronting societal problems; interdisciplinarity and planning. For further information contact: Birgitte Steen Hansen, Department of Environment, Technology and Social Studies, PO Box 260

DK-4000 Roskilde (Tel: +45 4675 7781 ext.2618/Fax: +45 4675 4403/Email: bsh@teksam.ruc.dk)

Environment'97 <http://www.environment97.org>

November 3-16, 1997 marks the dates for Environment97 whose organizers claim to be the world's largest online environmental conference. Organized by Institution of Chemical Engineers (IChemE) on behalf of the UK Engineering Council, the web site offers virtual features of a typical conference. Registration is free; before Nov. 3 a chat bar is active where participants may post comments on their environmental views. Scientists and engineers will present papers on many aspects of sustainable technology and technology transfer. 150 technical and general papers will be offered as audio files. Discussion groups will be organized for each keynote paper, images of environmental bad practice will be available for downloading, and during the conference an ongoing life cycle assessment will compare the energy used for a conference conducted over the internet with a traditional conference.

Perspectives on the Design and Transfer of Scientific and Technical Information:

Third International Conference on Grey Literature

<http://www.konbib.nl/infolev/greynet/home.html>

November 13-14, 1997, Jean Monnet Building in Luxembourg

This conference will focus on new uses of grey literature in facilitating the innovation process in which new producers and publishers provide new forms and types of grey literature. The theme follows up on conferences in 1993, which focused on printed grey literature and in 1995, where the scope expanded to include electronic publications.

Two workshops are planned for February 4 and 11, 1998 at the Hauge. Workshops will cover four modules:

1. Introduction to Grey Literature;
2. Standardization of Grey Literature;
3. New Forms of Grey Literature;
4. Availability of Grey Literature.

Participants will carry out assignments in the time between the two days of workshop. The assignments will be related to the problems of collecting and managing grey literature and will be analyzed in group discussion. For information, contact: Stichting GO; Celebesstraat 89;

2585 TG The Hague; The Netherlands; Tel: 31-70-351.2380; Fax: 31-70-354.9789.

Natural Attenuation '97: December 8-9, 1997; Raddisson Scottsdale Resort, Scottsdale, Arizona

Conference featuring biotreatment research and techniques on topics such as remediation of PCBs, chlorinated solvents, petroleum hydrocarbons, and metals, new modeling technology, and computational-based natural attenuation. Sponsored by International Business Communications. For information contact: 1997 IBC USA Conferences, Inc.; 225 Turnpike Road, Southborough, MA 01772-1749, U.S.A.; Tel: (508) 481-6400 Fax: (508) 481-7911 E-mail: inq@ibcusa.com

Fusion of Earth Data: January 26-31, 1998; Cote d'Auzr, France
<http://www-datafusion.cma.fr>

Sponsored by the European Association of Remote Sensing Laboratories (EARSeL), Societe des Electriciens et Electroniciens de France (SEE), and Ecole des Mines de Paris, the conference sub-title, "merging point measurements, raster maps and remotely sensed images," reflects its goal of being a forum for researchers, engineers, and students at PhD level using and studying data originating from different sensors working on various aspects of data/image fusion. The conference seeks to help in understanding what data fusion means by providing clear descriptions of applications, tools, and benefits of data fusion. Conference organizers plan presentations that will represent the latest methodologies and the status of applications. For information, contact: Fusion Conference office, Groupe Teledetection & Modelisation; Ecole des Mines de Paris; BP 207; 06904 Sophia Antipolis cedex, France; Fax: 33 - 4 93 95 75 35' E-mail address: fusion@cenerg.cma.fr

Planetary Stewardship: An Interdisciplinary Conference on the Environment, April 15-19, 1988, Moscow, Idaho, USA

The conference is sponsored by University of Idaho's Borah Foundation.

The focus of the conference will be on environmental conflicts in the Pacific Northwest and their counterparts elsewhere in the world. Concurrent sessions will cover a variety of topics, while panel discussions will allow disciplinary interaction. Field trips will provide opportunities for

direct observation. Guest speakers are: Kaiulani Lee, Robert F. Kennedy Jr., Charles Wilkinson, and Reed Noss. For further information: TEL: 1-888-884-3246 and press 6 for UI conference registration. Fax: 208-885-0579, e-mail: conferences@uidaho.edu

National Conference on Environmental Decision Making

May 3-6, 1998, Knoxville, Tennessee

Organized by NCEDR: The National Center for Environmental Decision-making Research Urban sprawl, air pollution, declining water quality, and global warming are typical environmental problems confronting the world and challenge decision makers. This unique conference will focus on environmental decision-making insights and innovations.

Goals of the NCEDR's Conference are to:

- Provide a meeting place for environmental managers, policy makers, scientists, researchers, and regulators to link environmental decision making research to pressing environmental problems

- Examine the complex context in which environmental decision making occurs

- Improve the process of environmental decision making

- Advance the emerging discipline of environmental decision making

Persons interested in presenting papers, posters, art, film or demonstrating software must submit a 250-500 word abstract no later than October 31, 1997. Abstracts proposing a panel session are welcome. Abstracts will be reviewed and authors will receive notification of acceptance by November 30, 1997. Those selected to present papers and posters must register for the conference. For registration information, to submit abstracts or to propose a panel discussion, contact: UT Conferences, Attention: NCEDR, PO Box 2648, 600 Henley Street, Suite 212, Knoxville, TN 37901-2648; 423/974-0280 fax 423/974-0290; E-mail: conferences@gateway.ce.utk.edu

Internet Conference on Integrated Bio-Systems (April-Dec 1998)

Call for Papers and Abstracts

To receive future details and announcements on the conference, please join the list: ias-wg08@ias.unu.edu ; send an email to Listserv@ias.unu.edu and write the message: SUB IAS-WG08

yourfirstname yourlastname

e.g. sub ias-wg08 Raman Chambers. This Internet Conference is a virtual conference where full papers will be available on the web and their discussions will be conducted via electronic mailing lists. The conference is jointly organized by the Institute of Advanced Studies (UNU/IAS) of the United Nations University (Tokyo) and the UNESCO Microbial Resources Center (MIRCEN-Stockholm) under the UNU/IAS programme on "eco-restructuring for sustainable development" which advocates the zero emissions concept of wastes and by-products utilization for income-generating activities and those that contribute to a cleaner environment.

5th World Congress of the International Federation of Environmental Health (IFEH)
Sponsored by the Swedish Environmental Health Officers Association and the Environment and Health Protection Administration of the City of Stockholm
June 7-12, 1998 in Stockholm, Sweden.

Participants from all over the world will present lectures, seminars or posters on current developments in the field of environment and health protection. Opportunities for on-site visits in the field.

To get on the mailing list, write to The Swedish Environmental Health Officers Association c/o Stockholm Convention Bureau, PO Box 6911, S-102 39 Stockholm. Fax no + 46 - (0)8 34 84 41 E-mail stocon@stocon.se For information about the exhibition and practical arrangements, contact: Stockholm Convention Bureau, PO Box 6911, S-102 39 Stockholm. Tel no + 46 - (0)8 736 15 28 Fax no + 46 - (0)8 34 84 41 E-mail: stocon@stocon.se For information about the program, contact: Kia Regnstr, Tallholmsvägen 5, s-185 94 Vaxholm Phone and Fax +46 - (0)8 541 377 36 or E-mail Magnus.Hahne@mbox200.swipnet.se

Internet Discussion Lists

COCE-L: Listserv on Environmental Communication
<http://www.yorku.ca/faculty/academic/meisner/coce/list.htm>

For people interested in issues of environmental communication generally, and the biennial Conference on Communication and Environment specifically. Topics addressed include includes mass media,

speech communication, rhetorical, linguistic, cultural studies, and other perspectives on environmental affairs. Only subscribers may post to the list; for information about how to subscribe, visit the web site.

Environmental Activist List

Sierra Club Environmental Education Activist List was created to facilitate and support grassroots efforts to promote environmental literacy through such methods as teacher assistance, curriculum development, public education projects, and legislative action. The list is sponsored by the Sierra Club Environmental Education Committee. Environmental education activists, whether members of the Sierra Club or of other organizations, who support environmental education, may subscribe to this list upon approval by the List Owner.

The list owner is Harold Wood (hwood@lightspeed.net) To subscribe, send a note with the following in the body of the message: subscribe CE-EE-ACTIVISTS <firstname> <lastname> to

CE-EE-ACTIVISTS-REQUEST@LISTS.SIERRACLUB.ORG

Forest List FOREST@listserv.funet.fi

Topic areas for the list are: EVENT, JOB, PUBLICATION, POLICY, EDUCATION, ANALYSIS, PRODUCTS, TECHNOLOGY, MANAGEMENT. Keywords in the subject lines of notes indicate the appropriate topic area. To subscribe, send an e-mail to LISTSERV@LISTSERV.FUNET.FI with the command "SUBSCRIBE forest Your Full Name" in the body. Subscribers may customize to receive notes in specific topic areas by issuing the command < SET forest topics: all -job > to the listserv. In the example, the subscriber will receive all messages except those with the topic "job."

The list is managed by personnel at the Centre for Scientific Computing, Espoo, Finland. Contact the list-owner at: Forest-listowner, FOREST-REQUEST@listserv.funet.fi

Project Nature Connect Discussion List

Join the NatureConnect list to share and grow from your and others' experiences in the web of life. The list and an associated web site (<http://www.pacificrim.net:80/~nature/>) are sponsored by the Institute of Global Education, a UN non-governmental organization. Contact natureconnect-request@lists.mindspring.com. The body of your e-mail

message should be: info natureconnect

Project Nature Connect <http://www.pacificrim.net:80/~nature>

Content: The home of "applied ecopsychology in action," this site is sponsored Site contents: explanation of why this program works (the extraordinary principle of natural attractions), a year-round "natural sensitivity activity" designed for Earth Day; synopsis of ecopsychology training book; distance learning opportunities, included degree in applied ecopsychology. There is an article (educating and counseling with nature) designed to provide "critical evidence" of the program success; a discussion list. The news flash (at the bottom of the list) is entitled, "rehabilitating a vacant lot sparks struggle at school." It's a search, but you can find the bio of the "scientist-counselor-economy-et AL" who is responsible for this program.

Bioremediation Discussion Group HomePage <http://biogroup.gzea.com>

GZA GeoEnvironmental, Inc. hosts this Internet mailing list to serve as a forum for global discussion of the technical aspects of bioremediation. About 1200 members participate worldwide, including environmental consultants, industry representatives, regulators, researchers, educators, students, and others with diverse backgrounds. The biogeochemical processes that control bioremediation, are complex, therefore BioGroup membership is open to environmental engineers, hydrogeologists, soil scientists, microbiologists, environmental chemists, and all who wish to contribute to this important topic.

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