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Environmental Resources

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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: 615-974-4415, FAX: 615-974-2708.

World Wide Web Sites from Research Centers and Agencies [Cambridge Scientific Abstracts:](#)

[Environmental RouteNet](#) RouteNet offers WWW searchers a single access point to thousands of environmental information resources that are available through the Internet. Some of RouteNet's resources are publicly available to all Internet users while others are available only to subscribers. The sections available to any searcher include the Reading Room, Education Forum, Expert Directories, and portions of newsletters and press releases. RouteNet's list of proprietary resources includes over 15 searchable data files, in addition to hundreds of reference links in areas concerning environmental science and research; policy and legislation; business and economic implications; and other topics. For information contact Cambridge Scientific Abstracts. Voice In North America: 1-800-843-7751 Voice Outside North America: +1-301-961-6750 Fax: +1-301-961-6720 E-Mail: sales@csa.com

[Center for Renewable Energy and Sustainable Technology \(CREST\)](#)

The Center for Renewable Energy and Sustainable Technology (CREST), located in downtown Washington, DC, is dedicated to the promotion of renewable energy, energy efficiency, the environment, and sustainable development. One of CREST's primary functions is to explore and demonstrate the use of advanced information and communication technologies in these fields. Center for Renewable Energy and Sustainable Technology

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[Solstice](#)

Solstice is CREST's site for energy efficiency, renewable energy, and sustainable technology information and connections. The home page provides a full-text search of all Solstice documents, geothermal energy information including a fact sheet and list of companies in the geothermal industry and publications. One very useful link is to Greenclips, a summary of recent articles in the media on environmental news. It has a special focus on news articles related to sustainable design, facilities, and business.

[Ecological Society of America](#)

The Ecological Society of America was founded in 1915 for the purpose of unifying the science of ecology, stimulating research in all aspects of the discipline, encouraging communication among ecologists, and promoting the responsible application of ecological data and principles to the solution of environmental problems. Ecology is the scientific discipline that is concerned with the relationships between organisms and their past, present, and future environments. These relationships include physiological responses of individuals, structure and dynamics of populations, interactions among species, organization of biological communities, and processing of energy and matter in ecosystems. News, reports, sections & committees are offered from this site.

[Environment Canada](#)

Environment Canada is committed to supporting Canadians in their efforts to sustain the environment and ensure that a positive environmental legacy is passed on to future generations. The Department delivers measurable benefits to Canadians through its key Program Activities (namely, Atmospheric Environment, Environmental Protection and Environmental Conservation) in the areas of: improved human and environmental health, through pollution prevention initiatives; wealth and employment generation, through improved understanding of sustainable productivity and use of ecosystems; and health and safety through weather, pollution and ecosystem health warnings.

[GreenNet: Networking for the Environment, Peace and Human Rights](#)

GreenNet is part of the only global computer network specifically designed for environment, peace, human rights and development groups. It offers e-mail and its own special conferences, as well as the usual range of dial up Internet services. The interface is designed to be easy and quick to use for those who don't know much about computers. Staff have extensive experience with, and contacts in, political and social movements, coupled with expertise in information technology and its applications.

[Greenpeace](#)

Greenpeace is an independent, campaigning organization which uses non-violent, creative confrontation to expose global environmental problems, and to force the solutions which are essential to a green and peaceful future. Greenpeace's goal is to ensure the ability of the earth to nurture life in all its diversity. Therefore Greenpeace seeks to: protect biodiversity in all its forms; prevent pollution and abuse of the earth's ocean, land, air and fresh water; end all nuclear threats; and promote peace, global disarmament and non-violence.

[ENVIROFACTS](#)

ENVIROFACTS is a relational database that integrates data from four major EPA program systems: RCRIS, TRIS, CERCLIS, and PCS. It contains data, updated monthly, that is available under the Freedom of Information Act (FOIA). No enforcement or budget sensitive information is contained in this database. The Permit Compliance System (PCS) offers data on more than 75,000 water-discharge permits including permit issuance, permit limits, monitoring data and other data pertinent to facilities with permits. The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) provides Superfund data on hazardous waste site assessment and remediation, including data on active sites

from point of discovery to listing on the National Priorities List through completion of remedial and response actions. The Toxic Release Inventory System (TRIS) provides data about the release and transfer of more than 300 toxic chemicals and compounds by medium of release (air, water, underground injection, land disposal and off-site), reported by over 33,000 submittals. The Resource Conservation and Recovery Information System (RCRIS) presents data used to track handler permit or closure status, compliance with Federal and State regulations, and cleanup activities, including hazardous waste generation and management data on over 450,000 facilities and transporters.

In addition, the following databases are included to provide integration within ENVIROFACTS: Facility Index System (FINDS): A central inventory of over 675,000 facilities regulated or monitored by program offices within the EPA.

ENVIROFACTS Master Chemical Integrator (EMCI): A cross reference index of chemical data reported in the program systems, using an internal registry system based on Chemical Abstracts Service (CAS) Registry numbers.

[EPA OPPT Chemical Fact Sheets](#)

The OPPT Chemical Fact Sheets are produced by EPA's Office of Pollution Prevention and Toxics to provide a brief summary of information on selected chemicals. The Fact Sheets cover each chemical's identity, production and use, environmental fate, and health and environmental effects. They also include a list of laws under which the chemical is regulated, phone numbers, and the names of EPA offices and other Agencies one can call or contact for more information. Each Fact Sheet is also accompanied by a Chemical Summary, a technical support document that provides detailed technical information on the chemical named in the Fact Sheets.

Searchers must register for an account to receive full access (no charge). Call 202-234-8494 for more information on RTK-NET. For access, dial in to 202-234-8570 or telnet to rtk.net. Login as "public".

[International Society for Environmental Ethics \(ISEE\)](#)

The ISEE Newsletter is owned and published by the International Society of Environmental Ethics. Back issues are made available on the Internet (Gopher) as a service to the profession and public by Morehead State University, Office of Information Technology and Department of English, Foreign Languages and Philosophy, Morehead, KY 40351-1689 USA. Volume 1, issue no. 1 was published Spring 1990. The newsletters are sent in printed form to Society members and other subscribers, and printed back issues are also available from the Secretary, at cost of distribution.

The International Society for Environmental Ethics (ISEE) seeks to advance research and education in the field of environmental ethics and philosophy, broadly conceived, including the philosophy of nature, and to promote appropriate human use, respect, conservation, preservation, and understanding of the natural world. ISEE is an official auxiliary organization of the American Philosophical Association.

[Multiscale Experimental Ecosystem Research Center](#)

The EPA established MEERC to address an area of environmental effects where little research has been done. The Center's goals are to establish experimental ecosystems that exhibit reproducible responses to perturbations over a range of scales; to quantify scale-dependent responses to contaminant inputs; construct predictive models of ecosystem variability that can be used to distinguish between scales in

experimental ecosystems and extrapolate beyond the range of scales to ecosystems in nature; and to determine the uncertainty associated with such predictions. This server provides detailed research reports consisting of data from experiments, simulation models and results. Quality assurance protocols and recent publications, such as Resolution and Predictability in Ecological Systems, are also accessible.

[U.S. Long-Term Ecological Research Network](#)

The Long-Term Ecological Research (LTER) program was established by the National Science Foundation to support research on long-term ecological phenomena in the U.S. Research at LTER sites focuses on pattern and control of primary production, pattern and control of organic matter accumulation in surface layers and sediments, patterns of inorganic inputs and movements of nutrients through soils and groundwater, and patterns and frequency of site disturbances.

This server provides access to the 18 individual Web and Gopher sites in the LTER network which are geographically dispersed across the U.S., Alaska, Puerto Rico, and Antarctica. Each site offers data catalogs of core data sets and the LTER net satellite image catalog, electronic newsgroups, newsletters and bulletins and reports on workshops and proceedings.

[World Conservation Monitoring Centre](#)

WCMC provides information services on the conservation and sustainable use of species and ecosystems, and supports others in the development of their own information management systems. WCMC is a joint venture between the three partners who developed the World Conservation Strategy and its successor, Caring for the Earth: IUCN - The World Conservation Union

UNEP - United Nations Environment Programme

WWF - World Wide Fund for Nature

Recognized as a center of excellence in the location and management of information on the conservation of biodiversity, the center provides services not only to its founding organizations but also to development aid agencies, UN agencies, international convention secretariats, government and non-governmental organizations, commerce, industry, scientists and the media.

Publications and Resources

Monographs

Harney, Corbin. *The Way It Is: One Water, One Air, One Mother Earth*. Grass Valley, CA,: Blue Dolphin Publishing, Inc., 1995. ISBN: 0931892805. \$16.00.

Fischer, Hank. *Wolf Wars : the Remarkable Inside Story of the Restoration of Wolves to Yellowstone*. Helena, MT. : Falcon Press Publishing Co., Inc., 1995. Bibliography, Index, 183 pages. \$12.95.

Goldbeck, Nikki and Goldbeck, David. *Choose to Reuse : an Encyclopedia of Services, Businesses, Tools, and Charitable Programs that Facilitate Reuse*. Woodstock, NY. : Ceres Press, 1995. Topic Index, Publishers Reference List, Bibliography, 455 pages, ISBN: 0960613862. \$15.95.

Ladd, Douglas M. Tallgrass Prairie Wildflowers : A Field Guide. Helena, MT.: Falcon Press Publishing Co., Inc., 1995. Glossary, Index, ISBN: 1560442999. \$19.95.

Gorman, James. Ocean Enough and Time : Discovering the Waters Around Antarctica. Harper Collins Publishers, 1995. Notes, Index, ISBN: 0060166207. \$25.00.

The Biological Century : Friday Evening Talks at the Marine Biological Laboratory. Edited by Robert B. Barlow et al. Cambridge, MA: Harvard University Press, 1993. 289 pages. ISBN: 0674074033. \$45.00.

Postgate, John. The Outer Reaches of Life. New York: Cambridge University Press, 1994. 276 pages. ISBN: 0521440106. \$22.95.

Mammal Species of the World: a Taxonomic and Geographic Reference. Second Edition. Edited by Don E. Wilson and DeeAnn M. Reeder. Washington, D.C.: Smithsonian Institution Press, 1993. 1206 pages. ISBN: 1560982179. \$75.00.

La Selva: Ecology and Natural History of a Neotropical Rain Forest. Edited by Lucinda A. McDade et al. Chicago, IL: Chicago University Press, 1994. 486 pages. ISBN: 0226039501. \$28.95 (paper), \$90 (hardcover).

Perspectives on Biodiversity : Case Studies of Genetic Resource Conservation and Development. Edited by Ch. Potter, J. Cohen, D. Janczewski. Washington, D.C.: AAAS Press, 1993. 245 pages. ISBN: 0871685124. \$34.95.

Animal Behavior. Edited by Tim Halliday. Norman, OK: Oklahoma University Press, 1994. 144 pages. ISBN: \$25.95. 144p.

Making a Difference College Guide: Outstanding Colleges to Help You Make a Better World. Fourth Edition. San Rafael, CA: SageWorks Press, 1995. \$16.00.

Guide to nearly one hundred colleges and programs focusing on environmental, peace, and social justice concerns, and with an ethic of service along with meaningful career-oriented studies.

Slattery K.P. and Wallis, R. L. Threatened Species in Australia: A Select Bibliography. Melbourne: Deakin University, 1991.

Slattery K.P. and Wallis, R. L. Threatened Species in Australia: A Select Bibliography, SUPPLEMENT. Melbourne: Deakin University, 1993.

Slattery K.P. and Wallis, R. L. Threatened Flora in Australia: A Select Bibliography. Melbourne: Deakin University, 1993. [A\$25 INCL. POSTAGE]

Slattery K.P. and Wallis, R. L. Threatened Fauna in Australia: A Select Bibliography. Melbourne: Deakin University, 1995. [A\$35 INCL. POSTAGE]

WEThings: Wetland Habitat Indicators for Non-Game Species (Woodland dependent amphibians, reptiles and mammals of New England) by Alison L. Whitlock, Nancy M. Jarman, J. Antonio Medina, and Joseph S. Larson. \$75.00.

Publication 94-1 from the Environmental Institute, Blaisdell House, University of Massachusetts, Amherst, MA 01003-0820. Includes Windows-based software that provides a composite habitat predicting model for 22 species addressed in the study.

The Convention to Combat Desertification: Drawing a Line in the Sand? UN Convention to Combat Desertification

The flagship paper of a series planned by the Pacific Center for International Studies, a Madison, Wisconsin-based think tank focusing on international environmental issues, and an INCD accredited NGO, this paper addresses the issue of desertification and concentrates on the prospective effectiveness of the recently drafted United Nations Convention to Combat Desertification. The forty page paper is available for \$15.00, which includes shipping and handling. Orders may be faxed, mailed, or e-mailed to: Wil Burns, Director, Pacific Center for International Studies, 33 University Square, Ste. 184, Madison, WI 53715-1012; phone (608)257-6309; fax (608)257-0417; e-mail pcis@ix.netcom.com. Request PCIS Desertification Occasional Paper Series, No. 1.

Understanding ISO 14000

Understanding ISO 14000 is a new book on the International Organization for Standardization (ISO) 14000 Series of environmental management standards slated for October release. The guide previews ISO 14000 for companies that want to know what ISO is and how it will affect them. In addition to tracing the history and development of the standards, it describes each standard in the series, including environmental management systems, environmental auditing, environmental labeling, environmental performance evaluation, and life-cycle assessment. The guide also includes international and domestic implications of ISO 14000, the likely registration process and guidance in implementing the standard. To order: in the United States, call 1-800-634-3966, ext. 1824 or fax 1-800-926-9495; outside the U.S., call Tawana Kilpatrick at 1-(708) 789-2110 or fax 1-(708) 789-6933.

Environment and Quality of Life in Central Europe : Problems of Transition. Conference Proceedings.

This unique selection of papers offers over 470 thematically organized papers written by internationally acclaimed contributors representing more than 50 countries.

For information: IGU RC, Albertov 6, 12843 Praha 2, Czech Republic Fax: ++42-2-2491 5817.

Journals and Newsletters

Local Environment. Carfax Publishing Company. PO Box 25, Abingdon, Oxfordshire, OX 14 3UE, UK.

This is a new journal which will be launched in January 1996. The journal will become a forum for the examination, evaluation and discussion of environmental, social and economic policies and strategies which

constitute the new environmental agenda. The editors would like to invite three kinds of contribution: articles, viewpoint and comment, and reviews

Environment & Internet. A Resource Guide to Practical On-Line Environmental Information. GAIA Corporation, 8630 Fenton Street, Suite 226, Silver Spring, MD 20919-3803, USA. TEL: 301-608-9469. FAX: 301-608-9470.

This publication supports environmental managers and information specialists. It provides insight to practical environmental information available on the Internet.

Software--Multimedia

INFORMIT (updated annually) HERITAGE AND ENVIRONMENT CD-ROM (RMIT Libraries: Melbourne)[A\$285]. For more information contact:

Mr Chris Lewis, School of Aquatic Science & Natural Resources Management
Deakin University - Rusden Campus
Clayton, Victoria. 3168. AUSTRALIA.
Phone 61 3 2447477, Fax 61 3 244 7403, email clewis@deakin.edu.au

[The Sun's Joules](#)

CD-ROM multimedia encyclopedia on renewable energy and the environment produced by the Center for Renewable Energy and Sustainable Technology (CREST; see description in this column). A powerful learning tool for young people and adults of all ages, The Sun's Joules is an interactive resource that teaches real-world applications of environmentally-friendly energy technologies and their positive impact on the environment. Subjects include biomes, small hydropower, geothermal, solar thermal, and passive solar building design and energy efficiency, photovoltaics, wind, economics, transportation, and the environment. Also included is a state-by-state breakdown of energy use in the U.S., a glossary, index, and the ability to perform full-text keyword searches. The program contains over 900 illustrated pages, 60 video clips, 60,000 characters of text, some 1,500 visual images, a variety of music and audio tracks, and 10 different interactive exercises. Try a demonstration by connecting to the URL listed above. Web browsers which conform to HTML 3.0 standards work best, but other browsers of Lynx work adequately.

Order for \$25 from Solstice The Sun's Joules was funded by the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, and the National Renewable Energy Laboratory.

Electronic Journals and Newsletters

[Conservation Ecology](#)

Conservation Ecology is an electronic, peer-reviewed, scientific journal devoted to the rapid dissemination of current research. The first issue is anticipated early in 1996. Content of the journal ranges from the applied to the theoretical. Topics covered include the ecological bases for: the conservation of ecosystems, landscapes, species, populations and genetic diversity; the restoration of ecosystems and habitats; and the management of resources. The editors encourage papers on the above topics that integrate also the biological and physical sciences, the natural and social sciences, science and policy, and those that develop

analyses across space and time scales. The papers considered for publication should present original research, novel synthesis, or judicious review of current theory, method, policy or practice. Article submission, review and publication are accomplished entirely electronically.

Ecocycle

Ecocycle is a newsletter that shares information on policy and technical issues related to life-cycle management (LCM) tools. Readers are invited to send story ideas and personal experiences concerning life-cycle tools.

Conscious Choice

Conscious Choice is a bi-monthly Midwestern magazine that reports on environmental issues and natural alternatives in health care, food, and nutrition. Each issue also takes a broad look at various topics from a perspective that sees the world as an interconnected, interdependent community whose survival depends on the development of sustainable patterns of living.

Journal of Computer-Aided Environmental Design and Education

JCAEDE solicits manuscripts for its inaugural issue to be published in 1995. Original essays and papers related to the use of computers in environmental design education and practice are sought. Issues of interest to JCAEDE include the creative use of computers in design education, integration of computers into design studios, use of multimedia technologies, CAD teaching methods, and the future of digital technologies, among others.

JCAEDE is a scholarly, referred publication dedicated to issues related to computer-aided design education and computer-enhanced instruction in the environmental design disciplines. Objectives of JCAEDE are: To promote communication among educators and researchers in the design disciplines who are involved with teaching and research in CAD, computer-enhanced instruction, and design digital technology.

To publish research in applications of digital technology to education and practice in the design disciplines.

Rachel's Environmental & Health Weekly

Subscribe via e-mail to rachel-weekly-request@world.std.com. Back issues available via anonymous ftp from <ftp.std.com> Offers weekly news and opinion on environmental related issues

ReSource

ReSource is the quarterly publication of the non-profit Center for Renewable Energy and Sustainable Technology (CREST). CREST uses advanced computer and communications tools to promote renewable energy, energy efficiency, and sustainable development.

Science and the Environment

Monthly review and summaries of articles on environmental topics designed for schools but potentially valuable to journalists as well. Each issue is arranged with 10 topic headings, such as biodiversity and

wildlife conservation, alternative energy & fuels, and clean air. Issues result from monthly analysis of 500 publications carrying environmentally related articles, and about 80 articles are summarized.

Conferences

The 26th International Symposium on Remote Sensing of the Environment and the 18th Symposium of the Canadian Remote Sensing Society; March 25-29, 1996 - Vancouver - British Columbia - Canada

Focus will be on applying remote sensing technologies to solve real world problems of the environment. The Symposium will encompass all aspects of remote sensing of the environment, including fundamental principles of phenomenology, sensor evaluation, data interpretation, algorithm validation, advanced processing techniques and data integration using GIS. This conference will be of interest to: natural resource planners and managers; industry leaders; remote sensing specialists; local, provincial, and national agencies; and educators and students.

Environmental Cultures: Historical Perspectives; April 26-27, 1996, Victoria, British Columbia

This inter-disciplinary conference will concentrate on the relationships between environment and culture with the hope of fostering a meeting of social, political, and ecological analysis.

Sessions will be organized around natural resource exploitation and use within indigenous, colonial, and industrial societies. Conference organizers seek papers that explore the transformation and linkages between the three stages, or that challenge that typology.

Send proposals by September 15, 1995 to: Dr. Lorne Hammond and Dr. Richard Rajala; Environmental Cultures Conference; Department of History; University of Victoria, P.O. Box 3045; B.C. CANADA; V8W 3P4; Telephone (604)721-7382; Fax (604)721-8772; e-mail lhammond@sol.uvic.ca

Coastal Environment 96. Environmental Problems in Coastal Regions, August 7-9, 1996, Federal University of Rio de Janeiro, Brazil.

Sponsors: Federal University of Rio de Janeiro and Wessex Institute of Technology, Southampton, UK.
Contact: Sue Owen, tel: 44-1703-293223 or via e-mail cmi@ib.rl.ac.uk.

Urban Transport and the Environment for the 21st Century, October 2-4, 1996, Barcelona, Spain.

Organized by Wessex Institute of Technology, Southampton, UK. Contact: Paula Doughty-Young, tel: 44-1703-293223 or via e-mail cmi@ib.rl.ac.uk.

1996 Environmental, Health & Safety Training Schedule. December 1995-August 1996.

Contact: Government Institutes, INC., Suite 200, 4 Research Place, Rockville, MD 20850 USA. TEL: 301-921-2345, E-mail giinfo@aol.com, electronic Bulletin Board: 301-921-2373 (N-8-1).