
Five Colleges of Ohio

Shared Collection Development and Resource Plan

Environmental Studies

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Version #1

Prepared by the Collection Development and Management subcommittee of the Five Colleges of Ohio Library Committee with representation from all five member schools.

CONTENTS

PURPOSE.....	2
LIBRARY COLLECTIONS AND RESOURCES.....	2
CHARACTERISTICS OF THE CONSORTIUM.....	4
CURRICULAR AND DISCIPLINARY STRENGTHS.....	6
PATTERNS OF INFORMATION SERVICE.....	9
GOVERNMENT PUBLICATIONS.....	11
ENVIRONMENTAL STUDIES DATABASES.....	13
ENVIRONMENTAL STUDIES JOURNALS.....	14

Purpose

This Shared Collection Development and Resource Plan for the discipline of Environmental Studies serves as an assessment and planning document for cooperation in resource development among the libraries of the Five Colleges of Ohio consortium (the College of Wooster, Denison University, Kenyon College, Oberlin College, and Ohio Wesleyan University).

Specifically, this document will:

Enhance and cultivate cross-campus knowledge and understanding of consortial collections and collecting priorities among our library staff and faculty;

Inform, but not dictate, our local purchasing decisions and collection development strategies;

Set shared priorities and goals with regard to resources or initiatives in this discipline that may be beyond the resources of any single member institution; and

Supplement local collection development policies and efforts and provide forward-looking assessments of the future of library and information services in this academic discipline.

Library Collections and Resources

General Philosophy

In general, the collection development policies of the members of the Five Colleges of Ohio are designed to support the curriculum and the research needs of their faculty. Additionally, they support the various honors or thesis-type research of their students.

Subject Boundaries

Environmental Studies at each of the Five Colleges of Ohio is a broad-based course of study dealing with the environment and environmental issues, emphasizing an interdisciplinary approach within the context of the liberal arts.

Some Library of Congress subject headings pertaining to the collections include: acid deposition – environmental aspects, acid mine drainage – environmental aspects, acid precipitation (meteorology) – environmental aspects, acid rain – environmental aspects, agriculture – environmental aspects, agricultural chemicals – environmental aspects, agricultural ecology, agricultural pollution, building – environmental aspects, city planning – environmental aspects, ecology, environment (aesthetics), environment (art), environmental archaeology, environmental degradation, environmental development, environmental economics, environmental engineering, environmental health, environmental indicators, environmental law, environmental policy, environmental protection, environmental psychology, environmental sciences, forest influences – environmental aspects, forest ecology, global environmental change, globalization – environmental aspects, green movement, , groundwater – pollution, human beings – effect of environment on, human beings - influence of environment, human ecology, international trade – environmental aspects, work environment, political ecology, urban ecology,

Library of Congress Classifications

GE Environmental sciences
GF Human ecology
HC79. A4 Air pollution
HC79 .E5 Environmental economics
HC110 Environmental policy
HD75.6 Economic development – environmental aspects
HD9502-9502.5 Energy industries, energy policy
HT241- 243 Urban ecology
JA75.8 Green movement
K3581-3585 Environmental law. Environmental policy
KB4127-3135 Religious law in general - Environmental law
KBM3127-3134 Jewish law - Environmental law
KBP3127-3135 Islamic law - Environmental law
QP1-345 Physiology – General, Including influence of the environment
RA565-600 Environmental health
S589.75-589.87 Agriculture and the environment
SB Plant culture
SD Forestry
SF91 Housing and environmental control
SH Aquaculture. Fisheries. Angling
TA170-171 Environmental engineering
TC330 – 339 Coast protective works
TD Environmental technology. Sanitary engineering
TH6014-6081 Environmental engineering of buildings. Sanitary engineering of buildings
TJ809 – 812 Solar energy

Types of Materials

The Environmental Studies collections in the Five Colleges of Ohio consist primarily of print monographs but also include electronic monographs, print and electronic periodicals, print and electronic indexes, electronic databases, CD-ROMs, microform collections, research reports, and selected intergovernmental publications (i.e. United Nations). As Federal depository libraries, we collect U.S. government documents from agencies such as the Departments of Energy and the Interior, and the Environmental Protection Agency.

Languages

English is the primary language of materials in the collections. Some publications are acquired in European languages.

Geographical

Works published in the United States are emphasized. Some works published in the United Kingdom and other European countries may be acquired.

Chronological

Emphasis is on current materials, but modern editions of classic works may be purchased.

Date of Publication

Current publications are emphasized, particularly in the natural sciences, but retrospective publications may be sought in areas where the collection is weak and when new courses are developed.

Treatment of Subject

A broad range of treatments is necessary – journal articles and research reports in sciences, legal materials (statutes, case laws, etc.) and government documents (agency publications, environmental regulations) and statistics are important in work on environmental economic and policy issues. Scholarly treatises in social sciences, histories of environmental issues, and policy statements are some of the treatments received in the social sciences. Biographical and critical works on environmental topics and figures are also emphasized. A broad range of reference works on environmental topics are collected (bibliographies, indexes, handbooks, etc.) for the main and science libraries of the Five Colleges of Ohio.

Collection Levels

The Environmental Studies collections of the libraries are collected at the study or instructional support level as defined by the American Library Association.

Characteristics of the Consortium

Denison and Oberlin have separate programs and majors in Environmental Studies and the largest numbers of students. Denison has 3 FTE core faculty and 6 others teaching courses and strengths in Geology and Geography (e.g. GIS), environmental design, sustainable agriculture and wetlands restoration. Oberlin has 4 FTE core faculty and 20 others teaching courses with strengths in Environmental History and Politics, Energy and Society, and Green Building Design and Performance. Ohio Wesleyan offers a major in Environmental Studies while Kenyon offers a concentration. Kenyon offers a number of courses in Anthropology, Biology, and Political Science while Ohio Wesleyan's major offers more courses in Geology and Geography. Wooster offers no major but a range of courses in Biology, Chemistry, Economics and Geology and strong first year seminars in environmental topics.

Statistical Overview (2004-05)

Institution	Faculty Teaching	Majors	Note
College of Wooster			No Major
Denison University	9	46	
Kenyon College	16	19 (concentration)	
Oberlin College	24	68	
Ohio Wesleyan University	30	19	

INSTITUTIONAL STRENGTHS

College of Wooster

The College of Wooster does not have a department or major in environmental studies but offers courses on environmental topics in the Biology, Chemistry, Geology, Economics, Philosophy, and Political Science departments. The First Year Seminar Program also features several environmentally related courses. Wooster recently received a Luce Foundation Grant to support an Environmental Analysis and Action Program. This program addresses complex issues in Ohio urban and rural landscapes in focused research settings.

Denison University

Denison's Environmental Studies program is an "interdisciplinary inquiry between humans and the environment" involving Biology, Chemistry, Sociology and Anthropology, Geology and Geography, Economics, Political Science, Communication, etc." A holistic approach to environmental education is emphasized. Five core faculty teach in the ES Department and emphasize geology and geography, wetlands restoration, GIS analysis; sustainable food and farming systems, sustainable environmental design, dispute resolution, community planning, including green buildings and community design.

Kenyon College

Kenyon does not have a separate program but Environmental Studies is offered as a concentration providing an interdisciplinary framework for understanding the interactions of individuals, societies, and the natural world. 16 faculty from Anthropology, Biology, Economics, Political Science, Religion and Sociology conduct research in human ecology, global issues, conservation biology, and environmental economics. Human ecology is an area with strong student interest. The 400 acre Brown Family Environmental Center near campus supports the program offering a wide range of natural and managed habitats.

Oberlin College

Oberlin's Environmental Studies program provides an interdisciplinary approach to the study of human interactions with the environment. Of central concern are the impact of technology on natural environments and its implications for human welfare. The program seeks to apply the different perspectives of the humanities, social sciences, biology, and the physical sciences to environmental and natural resource issues. The Adams J. Lewis Center, a green building housing the program, provides a living laboratory for courses in green building design and operation.

Ohio Wesleyan University

Ohio Wesleyan has no separate program but offers an Environmental Studies major which is a broad-based course of study emphasizing an interdisciplinary approach within the context of the liberal arts. The major emphasizes issues and policies. Majors in this field must also complete another major in a traditional course of study (Botany/Microbiology, Chemistry, Geography, Geology, Sociology, and Zoology). Other institutional resources include: Bohannon Preserve, Kraus Preserve, Moore Greenhouse, and Jason Swallen Herbarium. There are partnerships for teaching and research with:

USDA Forest Service Northeastern Research Station, Stratford Ecological Center, and the Columbus Zoo.

CURRICULAR AND DISCIPLINARY STRENGTHS

ENVIRONMENTAL STUDIES

College of Wooster – Geology related courses are a strength as is the First Year Seminar Program which often features environmentally related courses. Luce Foundation Grants support an Environmental Analysis and Action Program with such projects as Climate Change, Agroecosystems Management, Ecology of the Urban Landscape, and a Declining Amphibian Project.

Denison – Ecology and Culture, Ecosystem Management, Environment, Technology, and Society, Environmental Education, Environmental Planning and Design, GIS Courses, Regulation and Law, Sustainable Agriculture, Wetland Ecology,

Kenyon – Introduction to Environmental Studies, Seminar in Environmental Studies (Senior Level)

Oberlin – Community Based Forestry, Dynamics of Consumption, Ecological Design, Energy and Society, Environment and Society, Environmental Policy, Forest Management, Fundamentals in Building Performance, Global Environmental Issues, Practicum in Ecological Design of the Lewis Center.

Ohio Wesleyan – Courses in environmentally related Geography are a strong area. Students choosing a major in Environmental Studies are also required to select a second major in a traditional academic discipline (often a Biological Science, Geography, or Sociology). The Tree House on campus provides an environment where thirteen students live and work together in close community and engage in house projects of an environmental nature. An independent study is required for majors.

ANTHROPOLOGY

Denison – Environment, Technology and Society, Ecology and Culture

Kenyon – Old World Archaeology, Anthropology of Development, Bioanthropology, Human Ecology

Ohio Wesleyan - Human Ecology, Peoples and Cultures, Population Problems

BIOLOGY

Denison – Ecology and Evolution, Wetland Ecology

Kenyon – Aquatic Systems Biology, Ecology, Marine Biology, Microbial Ecology,

Oberlin – Genetics, Evolution and Ecology; Community Ecology, Conservation Biology, Evolution,

Ohio Wesleyan – Animals and Their Environment, Ecology and the Human Future, Island Biology, Marine Biology, Tropical Biology, Plant Communities and Ecosystems

Wooster – Biology of the Tropics, Human Ecology, Separate Courses on the History of Invertebrates and Vertebrates, Population and Community Ecology

CHEMISTRY

Denison – Environmental Chemistry

Kenyon – Instrumental Analysis, Organic Chemistry

Oberlin – Chemistry and the Environment

Ohio Wesleyan – Environmental Chemistry

Wooster – Environmental Chemistry,

ECONOMICS

Denison – Environmental Economics

Kenyon – Environmental Economics, Economics of Regulation, Public Sector Economics

Oberlin – Environmental Economics, Water Resource Economics

Wooster – Environmental and Natural Resource Economics

ENGLISH

Denison – Nature and the Literary Imagination

Oberlin – Nature in Early American Writing, Nature and Transcendentalism

GEOLOGY

Denison – Environmental Geology

Kenyon – Geology course taught in the Physics Dept.

Oberlin – Coral Reef: Biology, Geology and Politics; Groundwater Hydrology, Sedimentary Geology

Wooster – Climate Change, Environmental Geology, Geology of Natural Hazards, Oceanography

Ohio Wesleyan – Physical and Environmental Geology

GEOGRAPHY

Denison – Science and the Environment, Introduction to Environmental Mapping, Advanced Geographic Information System Analysis

Ohio Wesleyan - Environmental Alteration, Environmental Geography, Weather and Climate, The World's Cities, Energy Resources

HISTORY

Oberlin – American Environmental History, Water in American History, Urban Environmental History

PHILOSOPHY

Denison – Environmental Ethics, Varieties of Environmentalism

Kenyon – Introduction to Ethics, Practical Issues in Ethics

Oberlin – Environmental Ethics

Ohio Wesleyan – Environmental Ethics

Wooster – Environmental Ethics

PHYSICS

Denison – Energy and the Environment

Kenyon – Geology course

Oberlin – Energy Technology I and II

POLITICAL SCIENCE

Denison – Environmental Politics and Decision Making, Environmental Dispute Resolution, Politics of the Global Environment

Kenyon – Global Environmental Politics, Developing Countries: Haves and Have Nots, Science and Politics

Oberlin – Environmental Political Theory

Wooster – Environmental Politics, Problems of the Global Community

PSYCHOLOGY

Denison – Environmental Psychology

RELIGIOUS STUDIES

Denison – Religion and Nature

RUSSIA

Oberlin – Literature and the Land: Writing Nature in Russia and America

SOCIOLOGY

Denison – Gender and Change in Cross-Cultural Perspectives

Kenyon – Religion and Nature

ZOOLOGY

Ohio Wesleyan – Biology and Tropical Nations, Population and Community Ecology, Ornithology, Conservation Biology

Patterns of Information Service

Characteristics of the Literature

Environmental studies is truly interdisciplinary, with interest coming from the sciences (biology, chemistry, geology, physics), social sciences (anthropology, cultural area studies, economics, history, political science, psychology, public policy, sociology, urban studies, women' studies), and humanities (art, literature, philosophy, religion). The relative importance of journal vs. monographic literature varies by discipline, as with other interdisciplinary areas. There is a lot of popular interest in the topic on our campuses beyond coursework, through, for example, the Denison Biological Reserve, the Brown Family Environmental Center at Kenyon, the Adams J. Lewis Center for Environmental Studies at Oberlin, the Astronomy Club or the Environment and Wildlife Club at Ohio Wesleyan, and the Luce Foundation Grant for Environmental Analysis and Action at Wooster.

Resource Availability and Sharing

Faculty from CONSORT schools enjoy the ability to place materials from other CONSORT schools on local reserve. This is a new service that is functioning well and allows us to think of our collection more as a whole rather than independent parts. While recent studies have shown that faculty and students are satisfied with the current delivery times of CONSORT and OhioLINK materials, we as a consortium must continue to monitor this service to ensure it meets the needs of our patrons and collections.

Acquisition Strategies and Priorities for the Five Colleges of Ohio

- Journals are essential to research in all disciplines, especially to the science aspects of environmental studies
- Classic texts – there are a number of classic texts in the area of environmental studies and ecology that should be represented in all libraries.
- Because the topic is interdisciplinary, and because there is popular interest in the topic (e.g. student clubs), it is important to have accessible yet well-written popular works on the topic.
- Works representing all points of view should be collected, even those outside of the mainstream environmental protection movement.

Access Development

Environmental studies is likely to be an area of increasing importance and interest, with strong continuing interdisciplinary interest and strong continuing popular interest. While access to environmental topics in the journal literature is available through disciplinary indexes and databases, support for research would be strengthened by the addition of an index specific to environmental studies. There are also a number of government-supported freely available web resources that should be included in the CONSORT and OBIS catalogs, for example:

- National Environmental Publications Information System – U.S. EPA - <http://www.epa.gov/clariton/index.htm>
- The Agriculture Network Information Center - <http://www.agnic.org/agnic>

Storage Patterns or Considerations

JSTOR currently includes 21 titles in the 'ecology' collection

This is a newer discipline, so it is likely that any print journals in this area are not yet good candidates for storage. Historical works in biology and agriculture, history, and literature may become increasingly important as primary source materials.

Future Directions and Priorities

Research in Environmental Studies will continue to rely on monographs and journals, both print and electronic, with the electronic component increasing. The role of GIS as a research component crosses many subject areas, but it is certainly relevant for environmental studies and interest and use will likely increase.

There is also a resurgence of extra-curricular and co-curricular interest and activism in environmental issues, including student groups, campus environmental assessments, recycling programs, green buildings, etc. Communication and coordination with these efforts could be beneficial.

The expanding availability of electronic resources, the costs of these resources, and the continued desire to maintain and enhance print collections present economic challenges in all subject areas. Examination of usage patterns in the circulation of print materials, database and ejournal usage, as well as interlibrary loan requests will likely play an increasing role in decisions about resource allocation. Education of users about the limitations of local resources for the acquisition of new materials, the limitations and

tradeoffs sometimes inherent with electronic resources, and solicitation of their feedback concerning priorities will only grow in importance.

Government Publications

Government publications are an important resource for environmental studies. Each member college of the Five Colleges of Ohio is a selective depository for United States government publications. Each college, which receives between 27 and 41% of the print documents distributed by the Federal Depository Library Program, has developed a selection profile based on the needs of the university community and local patrons. In addition to print documents, many current government publications are available on the World Wide Web.

Several U.S. agencies publish government documents of interest to environmental studies. Here are some important examples, including their current SuDocs number. According to the United States Government Manual, the mission of the Environmental Protection Agency is to protect human health and to safeguard the natural environment – air, water, and land – upon which life depends (Government Manual 378).

- Environmental Protection Agency (EP)
- Air and Radiation (EP 4.)
- Office of Air Quality Planning and Standards (EP 4.50.)
- Office of Prevention, Pesticides and Toxic Substances (EP 5.)
- Office of Research and Development (EP 11.)
- Office of Solid Waste and Emergency Response (EP 10.)
- Water Office (EP 2.)
- Wetlands, Oceans & Watersheds Office (EP 8.)

One facet of the Department of Energy's mission is to foster a secure and reliable energy system that is environmentally and economically sustainable (Government Manual 213).

- Energy Department (E)
- Energy Efficiency and Renewable Energy (E 10.)

The Department of the Interior is responsible for such related items as migratory wildlife conservation; historic preservation; endangered species; surface-mined lands protection and restoration (Government Manual 251).

- Interior Department (I)
- Fish and Wildlife Service (I 49.)
- Geological Survey (I 19.)
- Natural Resources Library (I 22.)
- Upper Midwest Environmental Sciences Center (I 74)

The Department of Agriculture works to enhance the environment and to maintain production capacity by helping landowners protect the soil, water, forests, and other natural resources (Government Manual 105).

Agriculture Department (A)
Forest Service (A 13.)
Natural Resources Conservation Service (A 57.)

The Department of Commerce works to improve our understanding and benefits of the Earth's physical environment and oceanic resources (Government Manual 130).

National Centers for Environmental Prediction (C 55.190:)
National Climatic Data Center (C 55.280:)
National Environmental Satellite, Data, and Information Service (C 55.200:)
National Oceanic and Atmospheric Administration (C 55.)

The Department of Health and Human Services oversees agencies concerned with environmental health.

National Center for Environmental Health (HE 20.7500:)
National Institute of Environmental Health Sciences (HE 20.3550:)

Regulations, including environmental regulations, are issued by various governmental agencies in response to congressional laws. These regulations are a form of law and may be extremely detailed. All government agency rules and regulations appear first in the Federal Register (AE 2.106:). These regulations are then compiled annually and arranged by subject in the Code of Federal Regulations (AE 2.106/3:).

Congress has several committees with concerns for the environment.

Committee on Energy and Commerce (House) (Y 4.C 73/8:)
Committee on Energy and Natural Resources (Senate) (Y 4.EN 2:)
Committee on Environment and Public Works (Senate) (Y 4.P 96/10:)
Committee on Resources (House) (Y 4.R 31/3:)
Tennessee Valley Authority (Y 3.T 25:)

Within the Executive Office of the President, the Council on Environmental Quality formulates and recommends national policies to promote the improvement of the quality of the environment (Government Manual 92).

Council on Environmental Quality (PREX 14.)

Works Cited

United States Government Manual, 2003-2004. Washington, D.C.: Office of the Federal Registrar, National Archives and Records Administration, 2003.

Environmental Studies Databases

Database	Listed in Subject Guide	Note	Subscribing Schools
Academic Search Premier	OWU		DEN, KEN, Oberlin, OWU, WOO
AGRICOLA	DEN, KEN, WOO		DEN, KEN, Oberlin, WOO
Applied Science and Technology Abstracts	DEN, WOO		DEN, KEN, Oberlin, OWU, WOO
BasicBIOSIS	KEN		KEN
Biological Abstracts	DEN, KEN, Oberlin, OWU		DEN, KEN, Oberlin, OWU
Biological and Agricultural Index	DEN, KEN, OWU, WOO		DEN, KEN, Oberlin, OWU, WOO
Biology Digest	KEN		KEN
BIOSIS Previews	WOO		Oberlin, WOO
Business & Industry	OWU		DEN, KEN, Oberlin, OWU, WOO
CIAO - Columbia International Affairs Online	KEN		KEN, Oberlin, WOO
Columbia Earthscape	Oberlin		Oberlin
Congressional Universe	KEN		DEN, KEN, Oberlin
EconLit	KEN		DEN, KEN, Oberlin, OWU, WOO
Ecological Abstracts 1978-1997	DEN	Print resource listed in CONSORT as located in off-site storage	DEN
Environmental Issues & Policy Index	Oberlin		Oberlin
General Science Abstracts	DEN		DEN, KEN, OWU
GeoBase	KEN		KEN, Oberlin
GeoRef	DEN, KEN, OWU, WOO		DEN, KEN, Oberlin, OWU, WOO
History of Science, Technology & Medicine	DEN, OWU		DEN, KEN, Oberlin, OWU, WOO
LexisNexis Academic Universe	OWU		DEN, KEN, Oberlin, OWU, WOO
LexisNexis Environmental	Oberlin		Oberlin

MEDLINE	WOO		DEN, KEN, Oberlin, OWU, WOO
Newspaper Source	OWU		DEN, KEN, Oberlin, OWU, WOO
Pollution Abstracts	OWU	OWU subject guide note: "available on Classmate -- see a librarian."	OWU
Science Citation Index	DEN, KEN, WOO	Part of Web of Science, a.k.a., ISI Web of Knowledge	DEN, KEN, Oberlin, OWU, WOO
SIRS Researcher (Social Issues Researcher)	KEN		DEN, KEN, Oberlin
Sociological Abstracts	DEN		DEN, KEN, Oberlin, OWU, WOO

Environmental Studies Journals

Journal Title	issn	den	ken	obe	owu	woo	ejournal	current	total
A and WMA Environmental Compliance News	1093-9253						ejc		0
Acta Hydrochimica et Hydrobiologica	0323-4320						ejc	c	0
Acta OEcologica	1146-609x						ejc	c	0
Advances in Environmental Research	1093-0191						ejc		0
Advances in Water Resources	0309-1708						ejc	c	0
Aerobiologia	0393-5965						ejc	c	0
African journal of ecology	0141-6707				1		ejc	c	1
Agroforestry Systems	0167-4366						ejc	c	0
Air Pollution Consultant	1058-6628						ejc		0
Ambio	0044-7447	1		1	1	1	ejc	c	4
AMERICAN JOURNAL OF BOTANY	0002-9122	1	1	1	1	1	jstor	c	5
AMERICAN MIDLAND NATURALIST	0003-0031	1	1	1	1	1	jstor	c	5
AMERICAN NATURALIST	0003-0147	1	1	1	1	1	jstor	c	5

Analusis	0365-4877							ejc		0
Annals of Botany	0305-7364	1		dead	1			ejc	c	2
Annals of Forest Science	1286-4560							ejc		0
Annals of the ICRP	0146-6453							ejc		0
ANNALS OF THE MISSOURI BOTANICAL GARDEN	0026-6493	dead		dead	1			jstor	c	1
Annee Biologique	0003-5017							ejc		0
Annual Review of Ecology and Systematics	0066-4162	dead	dead	dead	dead	dead		jstor, ar		0
Annual Review of Ecology, Evolution and Systematics	1543-592X		1	1				ar		2
Apoptosis	1360-8185							ejc	c	0
APPLIED AND ENVIRONMENTAL MICROBIOLOGY	0099-2240	1	dead	1	1				c	3
Applied Occupational and Environmental Hygiene	1047-322x							ejc		0
Aquatic Conservation: Marine and Freshwater Ecosystems	1052-7613							ejc	c	0
Aquatic ecology	1386-2588							ejc	c	0
Aquatic Ecosystem Health & Management	1463-4988							ejc		0
Aquatic Geochemistry	1380-6165							ejc		0
Aquatic Living Resources	0990-7440							ejc		0
Aquatic Sciences	1015-1621							ejc	c	0
Archives of Environmental Contamination and Toxicology	0090-4341							ejc	c	0
Atmospheric Environment	1352-2310							ejc	c	0
Audubon	0097-7136	1	1	1	1	1			c	5
Behavioral ecology	1045-2249		1	dead	1	1			c	3
Behavioral ecology and sociobiology	0340-5443		1	dead	1			ejc	c	2
Behaviour	0005-7959		dead	1	1				c	2
BioControl	1386-6141							ejc	c	0
Biodegradation	0923-9820							ejc	c	0
Biodiversity and Conservation	0960-3115							ejc	c	0

Biodiversity Letters	0967-9952						jstor		0
Biogeochemistry	0168-2563						ejc	c	0
BIOLOGICAL CONSERVATION	0006-3207				1	dead	ejc	c	1
Biological lectures delivered at the Marine Biological Laboratory of Wood's Holl	0275-1526		dead			dead			0
Biology and Fertility of Soils	0178-2762						ejc	c	0
Bioresource Technology	0960-8524						ejc	c	0
BIOTROPICA	0006-3606	1		1	1		ejc, jstor	c	3
Botanical Bulletin	1529-4560			dead			jstor		0
Botanical Gazette	0006-8071	dead		dead	dead	dead	jstor		0
BOTANICAL REVIEW	0006-8101	1	dead	1	1	1	ejc	c	4
Brittonia	0007-196x			dead	1		ejc, jstor	c	1
Bulletin of Environmental Contamination and Toxicology	0007-4861						ejc	c	0
Bulletin of the Torrey Botanical Club	0040-9618	dead		dead	dead	dead	jstor		0
Business Strategy and the Environment	0964-4733						ejc	c	0
Chemoecology	0937-7409						ejc	c	0
Chemosphere	0045-6535						ejc	c	0
Clean Technologies and Environmental Policy	1435-2974						ejc	c	0
Conservation biology	0888-8892	1		1	1	1	jstor, ejc	c	4
Conservationist	0010-650X		dead						0
Corporate Environmental Strategy	1066-7938						ejc		0
Corporate Social Responsibility and Environmental Management	1535-3958						ejc	c	0
Desalination	0011-9164						ejc	c	0
Diversity and Distributions	1366-9516						ejc, jstor	c	0
Ecological applications	1051-0761	1	1	1	1	1	jstor	c	5
Ecological Complexity	1476-945x						ejc	c	0

Ecological Economics	0921-8009			dead				ejc	c	0
Ecological Engineering	0925-8574			dead				ejc	c	0
Ecological Entomology	0307-6946							ejc	c	0
Ecological Indicators	1470-160x							ejc	c	0
Ecological Management & Restoration	1442-7001							ejc		0
Ecological Modelling	0304-3800							ejc	c	0
ECOLOGICAL MONOGRAPHS	0012-9615	1	1	1	1	1		jstor	c	5
Ecological Research	0912-3814							ejc	c	0
ECOLOGIST	0261-3131	1		1		1			c	3
ECOLOGY	0012-9658	1	1	1	1	1		jstor	c	5
Ecology Letters	1461-023x							ejc	c	0
Eco-Management and Auditing	0968-9427							ejc		0
Ecosystem Health	1076-2825							ejc		0
Ecosystems	1432-9840							ejc	c	0
Ecotoxicology	0963-9292							ejc	c	0
Ecotoxicology and Environmental Safety	0147-6513							ejc	c	0
Ecumene	0967-4608							ejc		0
Energy & Environment	0958-305x							ejc	c	0
ENVIRONMENT	0013-9157	1	1	1	1	1			c	5
Environment and behavior	0013-9165	1		1	dead			ejc	c	2
Environment and Development Economics	1355-770x							ejc	c	0
Environment Development and Sustainability	1387-585x							ejc	c	0
Environment International	0160-4120							ejc	c	0
Environmental and Ecological Statistics	1352-8505							ejc	c	0
Environmental and Experimental Botany	0098-8472							ejc	c	0
Environmental and Molecular Mutagenesis	0893-6692							ejc	c	0
Environmental and Resource Economics	0924-6460							ejc	c	0
Environmental Biology of Fishes	0378-1909							ejc	c	0
Environmental Chemistry Letters	1610-3653							ejc	c	0
Environmental Communication Yearbook	1556-7400							ejc	c	0
ENVIRONMENTAL CONSERVATION	0376-8929	1						ejc	c	1

Environmental Engineering and Policy	1433-6618							ejc		0
Environmental Entomology	0046-225x			dead				ejc	c	0
ENVIRONMENTAL ETHICS	0163-4275	1	1	1	1				c	4
Environmental Fluid Mechanics	1567-7419							ejc		0
Environmental Forensics	1527-5922							ejc		0
Environmental Geochemistry and Health	0269-4042							ejc	c	0
Environmental geology	1073-9106	1		dead				ejc	c	1
Environmental geosciences	1075-9565							ejc		0
Environmental health	1476-069x							ejc	c	0
Environmental Health Perspectives	0091-6765	1	1	1	1	1		gpo	c	5
ENVIRONMENTAL HISTORY	1084-5453	1		1					c	2
Environmental history review	1053-4180	dead		dead						0
Environmental Impact Assessment Review	0195-9255							ejc	c	0
Environmental law and management	1067-6058							ejc		0
Environmental management	0364-152X	1						ejc	c	1
Environmental Management and Health	0956-6163							ejc		0
ENVIRONMENTAL MANAGER : EM	1079-7343				1				c	1
Environmental Microbiology	1462-2912							ejc	c	0
Environmental Modeling and Assessment	1420-2026							ejc	c	0
Environmental Modelling and Software with Environment Data News	1364-8152							ejc	c	0
Environmental Monitoring and Assessment	0167-6369							ejc	c	0
Environmental politics	0964-4016			1						1
Environmental Pollution	0269-7491							ejc	c	0
Environmental professional	0191-5398	dead								0
Environmental Progress	0278-4491							ejc	c	0
Environmental quality	0095-2044		1	dead	dead	1				2
Environmental quality and safety	0300-824X					1				1
Environmental Quality Management	1088-1913							ejc	c	0
Environmental research	0013-9351							ejc	c	0
Environmental review	0147-2496	dead		dead						0

ENVIRONMENTAL SCIENCE & TECHNOLOGY	0013-936X	1	1	dead	1	dead	ejc	c	3
Environmental Science and Policy	1462-9011						ejc	c	0
Environmental Software	0266-9838						ejc		0
Environmental Toxicology	1520-4081						ejc	c	0
Environmental Toxicology and Chemistry	0730-7268						ejc		0
Environmental Toxicology and Pharmacology	1382-6689						ejc	c	0
Environmental Toxicology and Water Quality	1053-4725						ejc		0
Environmentalist	0251-1088						ejc		0
Environmetrics	1180-4009						ejc	c	0
EPA journal	0145-1189	dead		dead	dead	dead			0
Ethics and the Environment	1085-6633						ejc		0
Ethics & the Environment	1535-5306						ejc	c	0
European Environment	0961-0405						ejc	c	0
European environmental law review	0966-1646						ejc	c	0
European Water Pollution Control	0925-5060						ejc		0
Evolution	0014-3820	1	1	1	1	1	jstor, ejc	c	5
EVOLUTIONARY ECOLOGY	0269-7653				dead		ejc	c	0
Evolutionary ecology research	1522-0613	1		1				c	2
Federal Facilities Environmental Journal	1048-4078						ejc	c	0
Forest ecology and management	0378-1127						ejc	c	0
Forest Policy and Economics	1389-9341						ejc	c	0
Functional Ecology	0269-8463						jstor,ejc	c	0
Geo-Marine Letters	0276-0460						ejc		0
Global and planetary change	0921-8181					dead	ejc	c	0
Global Change Biology	1354-1013						ejc	c	0
Global Ecology and Biogeography	1466-822x						jstor, ejc	c	0
Global Ecology and Biogeography Letters	0960-7447						jstor		0
GLOBAL ENVIRONMENTAL CHANGE	0959-3780				1		ejc	c	1

Global Environmental Change Part B: Environmental Hazards	1464-2867							ejc	c	0
GLOBAL ENVIRONMENTAL POLITICS	1526-3800		1					ejc	c	1
Green Chemistry	1463-9262							ejc	c	0
Ground water	0017-467X			1		1			c	2
Ground water monitoring & remediation	1069-3629					1			c	1
Hazardous Waste Consultant	0738-0232							ejc		0
HORTICULTURE	0018-5329		dead	dead					c	0
HUMAN ECOLOGY	0300-7839	1			1	1		ejc	c	3
Hydrobiologia	0018-8158							ejc	c	0
Hydrogeology Journal	1431-2174							ejc	c	0
Hydrological Processes	0885-6087							ejc	c	0
Indoor Air	0905-6947							ejc	c	0
Integrated Assessment	1389-5176							ejc		0
Interdisciplinary studies in literature and environment : ISLE	1076-0962	1							c	1
International Archives of Occupational and Environmental Health	0340-0131							ejc	c	0
International Biodeterioration and Biodegradation	0964-8305							ejc	c	0
International Environmental Agreements	1567-9764							ejc		0
International Journal of Climatology	0899-8418							ejc	c	0
INTERNATIONAL JOURNAL OF PLANT SCIENCES	1058-5893	1		1	1	1		jstor	c	4
International Journal of Salt Lake Research	1037-0544							ejc		0
International Journal of Sustainability in Higher Education	1467-6370							ejc	c	0
International wildlife	0020-9112	dead	dead	dead					c	0
Irrigation Science	0342-7188							ejc	c	0
Journal of Aerosol Science	0021-8502							ejc	c	0
Journal of Agricultural and Environmental Ethics	1187-7863							ejc	c	0

JOURNAL OF AGRICULTURAL, BIOLOGICAL, AND ENVIRONMENTAL STATISTICS	1085-7117		1				jstor	c	1
Journal of animal ecology	0021-8790		1		1		jstor, ejc	c	2
Journal of applied ecology	0021-8901	1					jstor, ejc	c	1
Journal of Aquatic Ecosystem Stress and Recovery	1386-1980						ejc		0
Journal of Atmospheric Chemistry	0167-7764						ejc		0
Journal of Biogeography	0305-0270						jstor, ejc	c	0
Journal of Chemical Ecology	0098-0331			dead			ejc	c	0
Journal of Cleaner Production	0959-6526						ejc	c	0
Journal of Contaminant Hydrology	0169-7722						ejc	c	0
JOURNAL OF ECOLOGY	0022-0477	1	1	dead			jstor, ejc	c	2
Journal of environmental economics and management	0095-0696		1	dead		dead	ejc	c	1
JOURNAL OF ENVIRONMENTAL EDUCATION	0095-8964	1		1				c	2
Journal of environmental law	0952-8873						ejc	c	0
Journal of Environmental Management	0301-4797						ejc	c	0
Journal of Environmental Monitoring	1464-0325						ejc	c	0
Journal of Environmental Policy and Planning	1523-908x						ejc		0
Journal of Environmental Radioactivity	0265-931x						ejc	c	0
Journal of Evolutionary Biology	1010-061x						ejc	c	0
Journal of heredity	0022-1503	1	1	dead	1	1	ejc	c	4
Journal of Insect Conservation	1366-638x						ejc	c	0
Journal of Marine Systems	0924-7963						ejc	c	0
Journal of Material Cycles and Waste Management	1438-4957						ejc	c	0
Journal of soil and water conservation	0022-4561	1						c	1

Journal of Sustainable Product Design	1367-6679							ejc		0
Journal of the Torrey Botanical Society	1095-5674	1		1	1	1		jstor		4
Journal of Tropical Ecology	0266-4674			1				jstor		1
JOURNAL OF WILDLIFE MANAGEMENT	0022-541X	1	1	dead	1			ejc	c	3
Lakes & Reservoirs: Research and Management	1320-5331							ejc		0
Land Degradation & Development	1085-3278							ejc	c	0
Landscape and Urban Planning	0169-2046							ejc	c	0
Limnology	1439-8621							ejc		0
Limnology and oceanography	0024-3590		1	1	1	dead		jstor	c	3
Management of Environmental Quality: an International Journal	1477-7835							ejc	c	0
Mangroves and Salt Marshes	1386-3509							ejc		0
Manual of Environmental Policy: the Eu and Britain	1467-0445							ejc		0
Marine ecology	0173-9565							ejc	c	0
Marine Environmental Research	0141-1136							ejc	c	0
Marine Pollution Bulletin	0025-326x							ejc	c	0
Microbial Ecology	0095-3628							ejc	c	0
Midland Naturalist	0271-6844							jstor		0
Mine Water and the Environment	1025-9112							ejc		0
Missouri Botanical Garden Annual Report	0893-3243			dead				jstor		0
Mitigation and Adaptation Strategies For Global Change	1381-2386							ejc	c	0
National wildlife	0028-0402	dead	dead	1	1				c	2
Natur Und Recht	0172-1631							ejc	c	0
NATURAL HISTORY	0028-0712	1	1	1	1	1			c	5
NATURAL OHIO					1			yes	c	1
NATURAL RESOURCES JOURNAL	0028-0739		1	1		dead			c	2
Natural resources forum	0165-0203							ejc		0
Natural resources research	1520-7439							ejc	c	0
NATURE CONSERVANCY	1540-2428	1				1			c	2

Natures Sciences Societes	1240-1307							ejc		0
Naturwissenschaften	0028-1042			dead		dead		ejc	c	0
New York State conservationist	X025-2296		1							1
Ocean and Coastal Management	0964-5691							ejc	c	0
Oecologia	0029-8549	1	1	1		dead		ejc	c	3
ORGANIZATION and ENVIRONMENT	1086-0266	1	1	1					c	3
Origins of Life and Evolution of the Biosphere	0169-6149							ejc	c	0
PLANT CELL AND ENVIRONMENT	0140-7791		1	dead				ejc	c	1
Plant Ecology	1385-0237							ejc	c	0
Radiation and Environmental Biophysics	0301-634x							ejc		0
Regional Environmental Change	1436-3798							ejc		0
Remediation Journal	1051-5658							ejc	c	0
Resources, Conservation and Recycling	0921-3449							ejc	c	0
Science of the Total Environment	0048-9697							ejc	c	0
SOIL SCIENCE	0038-075X	1		dead					c	1
Soil & tillage research	0167-1987							ejc	c	0
Spill Science and Technology Bulletin	1353-2561							ejc		0
Stochastic Environmental Research and Risk Assessment	1436-3240							ejc		0
SWS Bulletin	0732-9393							ejc		0
SYSTEMATIC BIOLOGY	1063-5157			1	1	1		jstor	c	3
SYSTEMATIC BOTANY	0363-6445	1				1		ejc	c	2
Systematic Zoology	0039-7989			dead		dead		jstor		0
Systematics and biodiversity	1477-2000							ejc	c	0
Tellus B	0280-6509							ejc	c	0
Theoretical and Applied Climatology	0177-798x							ejc		0
Transportation Research Part D: Transport and Environment	1361-9209							ejc	c	0
TRENDS IN ECOLOGY AND EVOLUTION	0169-5347	1		1	1	1		ejc	c	4
Umwelt	0041-6355							ejc		0

Urban Water	1462-0758						ejc		0
Waste Management	0956-053x						ejc	c	0
Waste Management and Research	0734-242x						ejc		0
Water Law	0959-9754						ejc		0
Water Policy	1366-7017						ejc		0
Water Quality and Ecosystems Modeling	1388-266x						ejc		0
Water Quality International	0892-211x						ejc		0
Water Quality Professional	1092-051x						ejc		0
Water Research	0043-1354						ejc	c	0
Water Resources	0097-8078						ejc	c	0
Water Resources data for Ohio	0364-4413		1	1					2
Water Resources Management	0920-4741						ejc	c	0
Water resources research	0043-1397				dead				0
Water Science and Technology	0273-1223						ejc		0
Water, Air and Soil Pollution: Focus	1567-7230						ejc	c	0
Water, Air, and Soil Pollution	0049-6979						ejc	c	0
WETLANDS	0277-5212		1				ejc	c	1
Wetlands Ecology and Management	0923-4861						ejc	c	0