

Florida A&M University Libraries

Tallahassee Florida 32307

LIBRARY RESOURCES IN SUPPORT OF ENVIRONMENTAL SCIENCES

Resources

Library resources and services are sufficient to ensure the achievement of the goals and outcomes of the School of the Environment. The [University Libraries](#) provide collections of current books, periodicals, and pertinent reference materials, which are readily accessible to students and are sufficient in scope to support the curriculum. The Samuel H. Coleman Memorial Library (the main library) and branch libraries provide traditional print, as well as electronic access to full text databases, e-journals, e-books, images and video. Library collections contain materials that support the Environmental Sciences curriculum directly and indirectly through interdisciplinary collections.

The following table shows library holdings targeted for use by the general campus and community population, as well as holdings targeted to support Environmental Sciences.

Library Resources	General	Environmental Sciences
Holdings	1,396,922	33,156
Books	1,255,906	30,071
Electronic Books	66,245	13,540
Journals/Serials	103,185	2,067
Electronic Journals	60,219	1,323
Electronic databases	320	52

The University maintains borrowing agreements and memberships that mutually enhance resources availability for FAMU and other Florida learning communities. Partnerships are with the [State University Libraries of Florida](#), the [Florida College System Libraries](#) and the [State Library of Florida](#). The Libraries are members of the [Florida Virtual Campus \(FLVC\)](#) which provides services to the users and staff of Florida's public college and university libraries. Florida public postsecondary college and university libraries provide services directly and indirectly to students and faculty of State of Florida postsecondary institutions. Over 100,000 volumes held by the other 39 Florida public postsecondary institutions supplement the FAMU collections related to Environmental Sciences. The following information details additional resources and services available to FAMU students and faculty.

Libraries	General	Environmental Sciences
State University System	16,221,054	73,655
Florida College System	4,883,380+	27,472

Onsite and reciprocal borrowing privileges to students and faculty at all 39 Florida public institutions of postsecondary education is provided. Service includes daily document delivery via statewide courier among nearly 300 libraries in the [Florida Library Information Network \(FLIN\)](#). FAMU students and faculty have access to the courier service for interlibrary loan transactions.

Faculty and students also have access to the [Publication of Archival, Library & Museum Materials \(PALMM\)](#) Collection. This collection is a cooperative initiative of the public Universities of Florida to provide digital access to unique archival resources for research and scholarship.

Expenditures for Resources in Support of the School of the Environment

Year	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
University Libraries Budget	\$2,551,096.00	\$2,504,384.00	\$2,500,401.00	\$2,625,803.00	\$3,417,950.00
Environmental Sciences					
Books	2,088	1,567	365	2,480	2,806
Journals	10,063	11,197	12,271	13,091	13,764
Databases	587,870	665,478	733,688	750,680	801,018
Total	\$600,021	\$ 665,478	\$ 746,324	\$ 766,251	\$ 817,588

In addition to the funds provided by the University, electronic resources in support of Environmental Sciences are funded by the Florida Virtual at an annual cost of approximately \$200,000.

Access to Collections and Services

Students, faculty and staff have access to collections, resources and services 24 hours a day, seven days a week, either through the 141 hours that the main library is open or through the library web page. Through the University Libraries' [web page](#), faculty and students have full access to the FAMU [library catalog](#) on or off campus, and the library catalogs of the [State University System](#) and [Florida College System](#) libraries. Online resources and services are available within the libraries, from campus computers, in faculty offices, and from residence halls. Off-campus access is also available 24 hours a day to authenticated users (students, faculty, and staff). Support services such as instruction, interlibrary loans, loan renewals, course reserves, reference assistance, and distance learning services are also accessible from the web page.

Services

FAMU Libraries provide a full range of traditional and innovative library services. Users have access to reference services via local and toll free telephone, electronic mail, [online chat service \(AskALibrarian\)](#), and fax. Services enable users to access and to use information resources in the libraries and from remote locations. The Information Commons, in Coleman Library, allows users to access main library services from one common area. Several Library services are available from this service point. Services include borrowing privileges, interlibrary loan, course reserves, reference and research services, and systems support services.

Borrowing Privileges

Students, faculty, and staff have borrowing privileges at the FAMU Libraries, and reciprocal borrowing privileges to the 39 public universities and colleges in Florida. Borrowers may view and renew items that are currently checked out through the online catalog.

Interlibrary Loan

Students, faculty, and staff who are currently enrolled and engaged in academic research have Interlibrary Loan (ILL) borrowing privileges to the 39 public universities and colleges in Florida and to other libraries globally. Requests may be initiated in person or through the online catalog, which along with reciprocal borrowing and the provision of licensed databases, provides access to materials that the University does not own.

Course Reserves

Print and electronic materials may be placed on reserve at the Libraries. The reserve service provides a central and convenient location for students to retrieve materials. These materials are owned by the University or come from the private collections of faculty who place materials on reserve for enrolled students.

Reference and Research Services

On site and virtual reference/research services are provided. Reference Services include individual research/consultation, the provision of electronic and print [research guides](#) and the provision of online tutorials. Reference librarians provide a variety of instructional services to meet the information literacy needs of students, faculty, staff, administrators, and the community at large.

Instruction/Information Literacy

The University Libraries provide competent, quality, and timely instruction through a variety of instructional services. Information is delivered through informal and point of use instruction, individual and group instruction, formal orientations and literacy sessions, orientation to new student groups, subject specific scheduled workshops, printed handouts, research guides and online tutorials. Instruction is provided to local users as well as to distance learners. Library users should be able to differentiate between trustworthy and untrustworthy sources, and have the skills to use resources independently. Information literacy sessions are designed to equip users with the skills needed to locate, evaluate, and use library information resources and services. Formal literacy instruction is based upon goals as defined by classroom faculty. These classes are held in state-of-the-art classrooms, which allow hands-on interactive instruction. Library instruction is

based upon guidelines published by the Association of College and Research Libraries (ACRL) Guidelines for Instruction Programs in Academic Libraries.

Liaison Program

Librarians work with all academic units to assure that the collection supports defined curricular goals and that adequate services, including instruction are provided. The School of the Environment has appointed a representative to the Library Collection Development Committee. This liaison works in collaboration with librarians to evaluate, select, and purchase resources recommended for the School of the Environment.

Systems Support Services

The Systems Department provides and maintains 250 public computers along with software, hardware and support services necessary for providing and using information resources. Computers are configured to provide access to the libraries' web page and online catalog. Computers are also configured with various types of production software allowing users' access to the Microsoft Office Suite (Word, Excel, PowerPoint, OneNote, InfoPath, Groove, and Access), Write-N-Cite, Course Compass, SciFinder Scholar, and Census Tract. Designated computer areas make it possible for patrons to save documents temporarily to a designated hard drive. As a result of customer service surveys and analysis, several additional services have been made available. Separate email stations have been installed near the Information Commons Desk. A Microtek 9800XL flatbed scanner that provides scanning of photos and multiple document formats and sizes is available. A Print-N-Go station is available for patrons who need to print documents hurriedly and go. Computers have been placed in group study rooms and in the Jazzman's Café and Study Lounge. Library users can print to designate print stations. Computers are located on each floor of the main library and in all branch libraries. A help desk is staffed as part of the Information Commons to assist users with software applications and technology support. Helpdesk staff assists patrons with directional questions, laptop registration and circulation, referrals and resolution of computing and printing needs and issues.

Staff

All Library and related personnel meet or exceed minimal educational requirements as defined by the Association of College and Research Libraries (ACRL). Librarians hold master's degrees from ALA accredited schools. Additionally, two faculty librarians have completed the specialists' degree in library science and four faculty librarians have completed master's degrees in other subject disciplines. The University employs 15 librarians. Support staff are also very well qualified, evidenced by one support staff holding a master's degree and 17 support staff holding bachelor's degrees.

Facilities

All faculty and students have full access to the facilities of FAMU's Coleman Memorial Library and branch libraries. These facilities more than adequately support faculty and student use of information technology for instruction, learning and research. Coleman Memorial Library occupies approximately 88,964 net square feet. Almost 20,000 additional square feet are available in the branch libraries. The University Libraries have a seating capacity of 834, including group study rooms, a student study lounge and cafe, and 20 graduate/faculty study carrels. Coleman Library also includes an information literacy classroom and teleconference rooms. All library facilities enjoy dense fiber optic wiring (one outlet for every 40 square feet of floor space) to the desktop. In addition to fiber wiring, much of the main library and its immediate grounds are wireless, enabling students and faculty convenient and generous access to the wireless network using their own supported laptops, or they may borrow one of 24 network-ready laptops from the Library Systems Department for use in the library.

The [Office of Instructional Technology](#) is housed in Coleman Library. Instructional Technology contains two teleconference centers/distance learning classrooms, with a combined seating capacity of over 50 people, designed for both satellite teleconferencing and for mediated viewing. The OIT also contains an open computer laboratory and faculty development laboratory. Non-print resources and equipment are available for faculty to reserve and/or view.

Florida A&M University Libraries
Journals in Environmental Sciences

The library provides access to over 3000+ [Earth & Environmental Sciences](#) journals, including 305 pertaining to [Environmental Sciences](#). The following is a selected list of journals significant to Environmental Science.

Air pollution consultant (1058-6628)

from 01/01/1999 to present in [Business Source Complete](#)
from 02/01/2002 to present in [Academic OneFile](#)
from 09/01/2005 to present in [ABI/INFORM Complete](#)

American journal of environmental sciences (1553-345X)

from 2005 to present in [Directory of Open Access Journals](#)
from 01/01/2005 to 03/31/2011 in [GREENR \(Global Reference on the Environment, Energy, and Natural Resources\)](#)

Applied and environmental microbiology (0099-2240)

from 1976 to 6 months ago in [PubMed Central](#)

Applied geochemistry (0883-2927)

from 1986 to 1994 in [ScienceDirect Environmental Science Backfile](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Atmospheric environment (1994) (1352-2310)

from 1994 to 1994 in [ScienceDirect Environmental Science Backfile](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Biological conservation (0006-3207)

from 1968 to 1994 in [ScienceDirect Agricultural & Biological Sciences Backfile](#) and [ScienceDirect Environmental Science Backfile](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Boston College environmental affairs law review (0190-7034)

from 1971 to present in [Digital Commons Online Journals](#)
from 01/01/1990 to present in [Academic Search Complete](#) and [Index to Legal Periodicals & Books Full Text \(H.W. Wilson\)](#)
from 03/01/1997 to present in [OmniFile Full Text Mega \(H.W. Wilson\)](#)
from 1999 to present in [Freely Accessible Social Science Journals](#)

from 06/13/2000 to present in [LexisNexis Academic](#)
from 07/01/2011 to present in [Social Sciences Full Text \(H.W. Wilson\)](#)

Boston College law review (0161-6587)

from 1959 to present in [Digital Commons Online Journals](#)
from 05/05/1993 to present in [LexisNexis Academic](#)
from 2000 to present in [Freely Accessible Social Science Journals](#)
from 05/01/2008 to present in [Index to Legal Periodicals & Books Full Text \(H.W. Wilson\)](#) and [OmniFile Full Text Mega \(H.W. Wilson\)](#)
from 09/01/2009 to present in [Academic Search Complete](#)
from 01/01/2011 to 05/31/2011 in [ABI/INFORM Complete](#)

Boston College environmental affairs law review (0190-7034)

from 1971 to present in [Digital Commons Online Journals](#)
from 01/01/1990 to present in [Academic Search Complete](#) and [Index to Legal Periodicals & Books Full Text \(H.W. Wilson\)](#)
from 03/01/1997 to present in [OmniFile Full Text Mega \(H.W. Wilson\)](#)
from 1999 to present in [Freely Accessible Social Science Journals](#)
from 06/13/2000 to present in [LexisNexis Academic](#)
from 07/01/2011 to present in [Social Sciences Full Text \(H.W. Wilson\)](#)

Carbon balance and management

from 01/01/2006 to present in [Academic Search Complete](#)
from 2006 to present in [BioMedCentral Open Access](#), [Directory of Open Access Journals](#) and [PubMed Central](#)
from 12/01/2006 to present in [Academic OneFile](#) and [GREENR \(Global Reference on the Environment, Energy, and Natural Resources\)](#)

Columbia journal of environmental law (0098-4582)

from 10/28/1993 to present in [LexisNexis Academic](#)
from 2008 to present in [Freely Accessible Social Science Journals](#)

Computers, environment and urban systems (0198-9715)

from 1980 to 1994 in [ScienceDirect Computer Science Backfile](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Current opinion in environmental sustainability (1877-3435)

from 10/01/2009 to present in [ScienceDirect Freedom Collection 2011](#)

Current world environment (0973-4929)

from 2006 to present in [Directory of Open Access Journals](#)

E (Norwalk, Conn.) (1046-8021)

from 09/01/1993 to present in [Academic OneFile](#), [GREENR \(Global Reference on the Environment, Energy, and Natural Resources\)](#) and [Health Reference Center Academic](#)
from 01/01/1994 to present in [Academic Search Complete](#), [OmniFile Full Text Mega \(H.W. Wilson\)](#), [Readers' Guide Full Text Mega \(H.W. Wilson\)](#) and [Science Full Text Select \(H.W. Wilson\)](#)
from 01/01/1995 to present in [ProQuest Nursing and Allied Health Source](#)
from 01/01/2002 to present in [General Science Full Text \(H.W. Wilson\)](#)
from 01/01/2011 to present in [InfoTrac Junior Edition](#)
in [Freely Accessible Journals](#)

Ecography (Copenhagen) (0906-7590)

from 01/01/1992 to 1 year ago in [Academic Search Complete](#)
from 01/01/1992 to 12/31/2006 in [JSTOR Life Sciences Archive Collection](#)
from 1997 to present in [FLVC Wiley-Blackwell Titles](#)

Ecological modelling (0304-3800)

from 1975 to 1994 in [ScienceDirect Agricultural & Biological Sciences Backfile](#) and [ScienceDirect Environmental Science Backfile](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Ecos (0311-4546)

from 06/01/1996 to 06/30/2011 in [Academic OneFile](#) and [GREENR \(Global Reference on the Environment, Energy, and Natural Resources\)](#)
from 01/01/1998 to present in [Academic Search Complete](#)
in [Freely Accessible Journals](#)

Electronic green journal

from 1994 to present in [Directory of Open Access Journals](#)
from 06/01/1994 to present in [Academic Search Complete](#)
from 01/01/2002 to present in [General Science Full Text \(H.W. Wilson\)](#), [OmniFile Full Text Mega \(H.W. Wilson\)](#) and [Science Full Text Select \(H.W. Wilson\)](#)

Endangered species bulletin (1091-7314)

from 05/01/1995 to present in [U.S. Government Documents](#)
from 11/01/1997 to present in [Academic OneFile](#)
from 03/01/2011 to present in [InfoTrac Junior Edition](#)

Engineering geology (0013-7952)

from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Environment and urbanization (0956-2478)

from 04/01/1989 to present in [SAGE All Access](#)

Environmental and ecological statistics (1352-8505)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

Environmental and molecular mutagenesis (0893-6692)

from 1979 to present in [FLVC Wiley-Blackwell Titles](#)

Environmental conservation (0376-8929)

from 1997 to present in [Cambridge Journals Online](#)

Environmental geology (Berlin) (0943-0105)

from 01/01/1997 to 10/31/2009 in [SpringerLink Contemporary](#)

Environmental geochemistry and health (0269-4042)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

Environmental geosciences (1075-9565)

from 03/01/1998 to 12/31/2002 in [Academic Search Complete](#)

Environmental research (0013-9351)

from 1967 to 1994 in [ScienceDirect Environmental Science Supplement 1](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

ENVIRONMENTAL SCIENCES (1314-765X)

from 2013 to present in [Directory of Open Access Journals](#)

Environmental science & policy (1462-9011)

from 03/01/1998 to present in [ScienceDirect Freedom Collection 2011](#)

Environmental science and pollution research international (0944-1344)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

GeoJournal (0343-2521)

from 01/01/1977 to 01/31/2010 in [JSTOR Arts & Sciences IX Archive Collection](#)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

from 01/01/1997 to 12/31/2002 in [ABI/INFORM Complete](#)

from 01/01/2004 to 1 year ago in [ABI/INFORM Complete](#)

Geomicrobiology journal (0149-0451)

from 01/01/1999 to 18 months ago in [Academic Search Complete](#)

Ground water (0017-467X)

from 1963 to 1996 in [Wiley-Blackwell Earth and Environmental Sciences Backfiles](#)

from 07/01/1994 to 11/30/2005 in [Academic OneFile](#)

from 1997 to present in [FLVC Wiley-Blackwell Titles](#)

Harvard environmental law review: HELR (0147-8257)

from 02/25/1994 to present in [LexisNexis Academic](#)

from 02/01/1999 to present in [Index to Legal Periodicals & Books Full Text \(H.W. Wilson\)](#) and [OmniFile Full Text Mega \(H.W. Wilson\)](#)

Hydrogeology journal (1431-2174)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

Journal of environmental planning and management (0964-0568)

from 09/01/1997 to 11/30/2000 in [ABI/INFORM Complete](#)

from 2005 to 2007 in [Taylor & Francis Current Content Access](#)

Journal of environmental sciences (China) (1001-0742)

from 2006 to present in [ScienceDirect Freedom Collection 2011](#)

Journal of environmental studies and sciences (2190-6483)

from 03/01/2011 to present in [SpringerLink Contemporary](#)

Journal of environmental studies and sciences (2190-6483)

from 03/01/2011 to present in [SpringerLink Contemporary](#)

Journal of materials and environmental science

from 2010 to present in [Directory of Open Access Journals](#)

Journal of the IEST (1098-4321)

from 01/01/1998 to 10/31/2010 in [Applied Science & Technology Full Text \(H.W. Wilson\)](#) and [Science Full Text Select \(H.W. Wilson\)](#)

from 01/01/1998 to 01/31/2003 in [OmniFile Full Text Mega \(H.W. Wilson\)](#)

from 01/14/1998 to present in [Institute of Environmental Sciences & Technology](#)

Journal of aerosol science (0021-8502)

from 1970 to 1994 in [ScienceDirect Environmental Science Backfile](#)

from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Journal of atmospheric chemistry (0167-7764)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

from 01/01/2003 to 1 year ago in [Academic Search Complete](#)

Journal of the Air & Waste Management Association (1995) (1096-2247)

from 12/01/1997 to 12/31/2011 in [Applied Science & Technology Full Text \(H.W. Wilson\)](#), [OmniFile Full Text Mega \(H.W. Wilson\)](#) and [Science Full Text Select \(H.W. Wilson\)](#)

from 11/01/2001 to 11/30/2011 in [Academic OneFile](#) and [GREENR \(Global Reference on the Environment, Energy, and Natural Resources\)](#)

from 01/01/2004 to 12/31/2011 in [Academic Search Complete](#)

Marine environmental research (0141-1136)

from 1978 to 1994 in [ScienceDirect Environmental Science Backfile](#)

from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Mutagenesis (0267-8357)

from 1996 to present in [Oxford Journals](#)

Mutation research. Mutation research genomics (1383-5726)

from 09/01/1997 to 12/31/2001 in [ScienceDirect Freedom Collection 2011](#)

Natural hazards (Dordrecht) (0921-030X)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

Oikos (0030-1299)

from 01/01/1949 to 12/31/2006 in [JSTOR Life Sciences Archive Collection](#)
from 2000 to present in [FLVC Wiley-Blackwell Titles](#)

Progress in physical geography (0309-1333)

from 03/01/1977 to present in [SAGE All Access](#)

Resources, conservation and recycling (0921-3449)

from 1988 to 1994 in [ScienceDirect Environmental Science Backfile](#)
from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Resources policy (0301-4207)

from 01/01/1995 to present in [ScienceDirect Freedom Collection 2011](#)

Restoration ecology (1061-2971)

from 1997 to present in [FLVC Wiley-Blackwell Title](#)

Water, air, and soil pollution (0049-6979)

from 01/01/1997 to present in [SpringerLink Contemporary](#)

Water resources bulletin (Urbana) (0043-1370)

from 1967 to 1996 in [Wiley-Blackwell Earth and Environmental Sciences Backfiles](#)

Water science and technology (0273-1223)

from 01/01/2007 to present in [Academic Search Complete](#)

Florida A&M University Libraries
**Databases in support of
Environmental Sciences**

Environmental Sciences [databases](#) are accessible through the [Libraries' Webpage](#) 24/7.

- [AccessScience](#)
- [Annual Reviews](#)
- [Aquatic Pollution & Environmental Quality](#)
- [BNA Environment & Safety Library](#)
- [Coastal Zone Information Collection \(CZIC\)](#)
- [Elsevier Science Journals](#)
- [Environment & Safety Library](#)
- [Environmental Engineering Abstracts](#)
- [Environmental Research Letters](#)
- [Environmental Sciences & Pollution Management](#)
- [Environmental Studies and Policy Collection](#)
- [Everglades Digital Library](#)
- [Florida Environments Online](#)
- [GreenFILE™](#)
- [GREENR \(Global Reference on the Environment, Energy, and Natural Resources\)](#)
- [IOP](#)
- [OSTI \(Office of Science & Technical Info.\)](#)
- [Pollution Abstracts](#)
- [ProQuest Science Journals](#)
- [Sage Journals](#)
- [ScienceDirect](#)
- [Springer Images](#)
- [Toxicology Abstracts](#)

- [TOXLINE](#)
- [Water Resources Abstracts](#)
- [Web of Science](#)
- [Wiley Online Library](#)