

Contact: Hanrong Wang
 Associate Professor,
 Reference Librarian
 Phone: (256)782-5250
 Fax: (256)782-5872

Houston Cole Library (HCL)
 Jacksonville State University
<http://www.jsu.edu/library/index.html>
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AGRICULTURE LIBRARY RESEARCH GUIDE

INTRODUCTION

Agriculture as a science in the United States dates back to the late nineteenth century with the creation of the agricultural experiment stations and the formation of the land-grant college. It encompasses not only the basic production of food, but also food safety; natural resources and environment; rural development; food, nutrition, and consumer services, foreign agricultural services; and marketing and regulatory. In Houston Cole Library most print sources (such as books, periodicals) related to agriculture are located on 10th floor. Electronic sources (such as databases) can be accessed via computer stations on each floor.

PRINT SOURCES

Books and print journals are the main print sources in the HCL providing a foundation for research. Books and journal articles may also contain useful bibliographies which may lead to additional sources of research. When looking for print materials, consult the Library of Congress Subject Headings to select the proper term(s) to use as subjects under "Library Catalog" (<http://library.jsu.edu/>). Some possible subject headings can be: Agriculture, Agriculture Alabama History, Agriculture and state, Agriculture environmental aspect, and etc. "Keyword Anywhere" & "Title" searches can also be conducted under the "Library Catalog". The following table shows agriculture in the Library of Congress Classification system:

S560-572	Agricultural Economics	S590-627	Soil Science, Reclamation, and Soil Conservation
S671-760	Agricultural Machinery	S900-954	Conservation of Natural Resources
SB170-317	Crops	SB317-476	Horticulture (Including: vegetables, house plants, flowers, gardening, and landscape architecture)
SB481-485	Parks and Public Reservations	SB599-989	Pest Control (Plants)
SD	Forestry	SF1-599	Animal Culture (Including: cattle, horses, poultry, and economical entomology)
SF600-1100	Veterinary Medicine	SH1-691	Aquaculture
SK351-579	Wildlife Management	S770-790.3	Agricultural Structures: Farm buildings
TA 164	Bioengineering	TA170-171	Environmental Engineering
TC801-978	Irrigation Engineering	TD920-934	Rural and Farm Sanitary Engineering
TH7005-7699	Heating and Ventilation	TJ1480-1496	Agricultural Machinery
TP248.13-.65	Biotechnology		

Some recommended books are listed below:

Agriculture Fact Book (Call Number: S441.A14x), *Agricultural Statistics* (Call Number: HD1401.E347), *Census of Agriculture* (Call Number: HD1769.A14), *Statistical Abstract of the United States* (Call Number: HA202), *CRC Dictionary of Agricultural Sciences* (Call Number: S411.L39 2002)

JSU students can also use ALLIES (Alabama Libraries Exchange Services, <http://library.jsu.edu/cgi-bin/Pwebrecon.cgi?PAGE=dbPage>) to borrow circulating books from UAB Sterne Library, University of Alabama, Auburn University, Auburn University at Montgomery, either on-site with the student ID or by requesting the items through the library catalog.

ELECTRONIC RESOURCES

Electronic Databases are the main electronic sources in the HCL providing indexes, full textbooks, articles, and etc. To access the HCL subscribed databases, your student ID and your Last name are required for log-in at: <http://www.jsu.edu/library/resources/>. The following table lists some commonly used databases for your research:

Database Title	Description	Full-text
<i>AGRIOLA</i>	Abstracts and citations to agricultural topics	Not Full Text
<i>Biological Sciences</i>	Abstracts and citations to a wide range of science subjects	Not Full Text
<i>Business Source Premier</i>	Journal articles in business, management, economics, finance, banking, and accounting.	Full Text
<i>Elsevier ScienceDirect</i>	Journal articles in a variety of subject areas, but the strengths of the database currently lie in: life sciences, engineering, earth sciences, pharmacology, and textiles.	Full Text
<i>PubMed (Medline)</i>	Citations and Abstracts of health science articles/documents	Not Full Text

Some Core Journals are:

Journal of Forestry (Call Number: SD1.S63), *Farm Journal* (Call Number: S1.F25), *Journal of the Science of Food and Agriculture* (Electronic), *Agricultural Research Magazine* (Electronic), *Heredity* (Electronic), *Journal of Dairy Science* (Electronic), *Aquaculture* (Electronic), *Ecology of Freshwater Fish* (Electric), and *Organic Gardening* (Call Number: S605.5.O7)

OTHER RELATED SOURCES

FAO (Food and Agriculture Organization of the United Nations) (<http://www.fao.org>)

Drought Monitor (<http://www.drought.unl.edu/dm/monitor.html>)

Agriculture: A Glossary of terms, Programs, and Laws

(http://goatconnection.com/articles/publish/printer_86.shtml)

AGBIOS (<http://www.agbios.com/main.php>): dedicated to providing public policy, regulatory, and risk assessment expertise for products of biotechnology.

American Agricultural Economics Association (<http://www.aaea.org>): the official site of the American Agricultural Economics Association providing AgEcon Search database and links to other sources.

IUCN Red List of Threatened Species (<http://www.redlist.org/>)

Cooperative Extension System Office (<http://www.csrees.usda.gov/Extension/>): information to agricultural producers.