I. General Purpose
To support instruction and research at the B.S. level in Forest Resource Management and the M.F.R., M.S., and Ph.D. levels in Forest Resources.

A. Curriculum
1. The following text is from the Undergraduate Announcements, 2011-2012.

The Forest Resource Management curriculum combines a broad education in the arts and sciences with applied forest sciences. This combination provides the necessary foundation for the scientific management of forest resources, products, and services.

Foresters are qualified for a broad spectrum of employment opportunities in the public and private sectors. They may be engaged as managers, administrators, or owners of forest lands or forest-based businesses; as technical specialists in the production of timber, usable water, wildlife, and aesthetic values, and in the recreational use of the forest; or as professionals in other areas where the conservation of natural resources is a concern. Foresters earning advanced degrees find employment in academic work and in research conducted by public and private agencies.

2. Description of the Graduate Forest Resources Program
The following text is from the Forest Resources Graduate Student Handbook.

Graduate Program Coursework – 2011-2012
MS in Forest Resources
PhD in Forest Resources

B. Users
1. Primary Users
   a. Forest Resources Faculty, 2011-2012

Forest Resources Teaching Research and Extension Faculty
   Cushing, Tamara - Forest Management, Economics
   Gering, Lawrence - Forest Measurements, GIS
   Hall, Karen - Ethnobotany, Master Naturalist, Master Gardener
   Layton, Patricia - Forest Certification, Policy
   Lee, Andy - Wood Products
   Mikhailova, Elena - Soils
   Post, Christopher - GIS, Environmental Information Science
   Straka, Thomas - Forest Management, Economics
   Wang, Geoff - Silviculture, Forest Ecology, Fire Ecology
Forest Resources Faculty located at Belle Baruch Institute, Georgetown, SC
Chow, Alex - Biogeochemistry
Conner, William - Wetlands Ecology, Forest Ecology, Silviculture
Song, Bo - Landscape Ecology

Forestry and Natural Resources Extension and Teaching Faculty
Davis, Rickie - Wildlife Biology
Guynn, Susan - Continuing Education
Willey, Rick - 4-H Natural Resources

b. Graduate and Undergraduate Students
c. Staff

2. Secondary Users
a. Forest Resources minors
b. USDA Forestry Personnel in SC
c. Forest Products Industry in SC
d. Persons from the community interested in forestry

II. Scope of the Library Collection

A. The Forest Resources collections in the Clemson University Libraries primarily support the
teaching and research needs of the faculty, students, and staff in Forest Resources and Forest
Resource Management.

B. Since the collection is also used by many Clemson faculty and students outside Forest Resources
and as well as by members of the community, selection will include some quality popular
material as well as forestry materials supportive of the life sciences in general.

C. Collecting efforts are aimed at maintaining a well rounded collection, with special strengths in the
areas of current research at Clemson University and in areas where degrees are given, but which
also provides materials for the undergraduate in all areas of Sustainable Agriculture and
Biological Science, with emphasis on wildlife and ecology, and which will in the future provide
an adequate basic collection as research interests change.

D. The subjects are cataloged in the following Library of Congress call number ranges. There is
considerable interdisciplinary coverage with other degree areas in the life science areas.

<table>
<thead>
<tr>
<th>Description</th>
<th>Call Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry</td>
<td>SD</td>
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<tr>
<td>Forest Products</td>
<td></td>
</tr>
<tr>
<td>Lumber (economics)</td>
<td>HD9750-9773</td>
</tr>
<tr>
<td>Paper (economics)</td>
<td>HD9820-9843</td>
</tr>
<tr>
<td>Wood Construction</td>
<td>TA419-424, 666</td>
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<tr>
<td>Wood Technology</td>
<td>TS800-937</td>
</tr>
<tr>
<td>Paper Manufacturing</td>
<td>TS1080-1268</td>
</tr>
<tr>
<td>USDA Forest Service Publications Docs A13.</td>
<td></td>
</tr>
</tbody>
</table>

Related Classifications
Agriculture, general S583-667
E. Core Forest Resources Journals

| American Forests                          | Silvae Genetica                        |
| American Journal of Ecology               | Conservation Biology                   |
| American Midland Naturalist              | Ecological Monographs                 |
| Journal of Forestry                      | Soil Science Society of America Journal |
| Journal of the American Society for      | Ecology                               |
| Horticultural Science                    | Southern Journal of Applied Forestry  |
| Annals of Botany                         | Forest Ecology and Management         |
| Journal of Wildlife Management           | Transactions of the American Fisheries Society |
| BioScience                               | Forest Products Journal               |
| Nature                                   | Unasylva                              |
| Biotropica                               | Forest Science                        |
| Northern Journal of Applied Forestry     | Western Journal of Applied Forestry   |
| Bulletin of the Torrey Botanical Club    | Forestry                              |
| Phytopathology                           | Wildlife Society Bulletin             |
| Canadian Journal of Botany               | Forestry Chronicle                    |
| Plant Physiology                         | Wood and Fiber Science                |
| Canadian J. of Forestry Research Science | HortScience                           |
| Castanea                                 | Journal of Arboriculture              |

F. Other Resources Available

1. R.M. Cooper Library also provides free interlibrary loan service (ILL) to students, faculty, and staff. Also, the Libraries will use commercial document suppliers if there is no other option.

2. The PASCAL system allows us to borrow book material from other colleges and universities in South Carolina with courier delivery with 2 or 3 days.

3. Commercial Document Suppliers
   Document Delivery via Commercial Document Suppliers will be offered free of charge to Clemson University students, faculty, or staff if the needed information is not available from interlibrary loan sources.
4. Important indexes and abstracts to be retained.

- AGRICOLA
- Biological and Agricultural Index Plus
- BIOSIS
- Conference Papers Index
- Current Contents
- Dissertation Abstracts
- General Business File
- Lexis/Nexis
- Medline (PubMed)
- PAIS
- ProQuest Deep Indexing: Environmental Sciences
- ProQuest Dissertations & Theses - Full Text
- PubMed (Medline)
- Science Citation Index
- SciFinder Scholar
- Toxline
- TOXNET
- Web of Knowledge
- Web of Science
- Zoological Record

III. Collection Management and Parameters

A. Languages
   English is the predominant language. If materials in other languages are collected they must generally contain information not readily available in English.

B. Geographic Areas
   Forest Resources materials concerning topics in South Carolina, the Southeastern United States, and North America will be emphasized. Other geographic areas will be targeted as research and teaching interests dictate.

C. Chronological Boundaries
   Most books considered for purchase are current; materials published prior to the most recent five years are purchased very selectively and usually at the request of faculty or students.

D. Format of Materials Collected
   Monographic material purchased will primarily be English language print sources and electronic format, if electronic is available. Journals, handbooks, manuals, and encyclopedias will be in electronic format, if available. Materials in languages other than English will be collected only upon specific request. Scholarly, technical and professional treatments are emphasized. DVDs will be purchased as requested by faculty.

E. The following materials will be excluded unless there is an extraordinary need and/or a specific request.
   1. Workbooks
   2. Computer software
   3. Rare materials
   4. Textbooks

F. Weeding Guidelines
   Monographic material, with an imprint of 1997 or earlier, which has not circulated for the last ten years, will be reviewed for weeding. Statistical reports are available for review of these titles. If a book has not circulated and is historically important, Special Collections will be asked to house it. If Special Collections does not take the item, storage will be considered if the item is rare or unique to Clemson.
IV. Selection Tools and Review Sources

A. List of courses offered each semester.

B. Major Forestry journals

C. Publishers websites and catalogs

D. Forestry society websites and catalogs

E. GOBI service from YBP if funds are available

F. The students and faculty are most helpful in suggesting resources to purchase. While working with students at the reference desk or through class contacts, one learns what topics are of interest. Co-workers are also extremely helpful in suggesting areas that may need more coverage. Looking at the ILLs requested also helps in the selection process.

G. If faculty members fail to recommend material, the librarian will encourage them to take a more active part in selection. If this encouragement fails, the librarian will make the selections based on the research being done by faculty.

H. The librarian is also responsible for the selection of general materials not specifically related to the curriculum and for maintaining a balance between the various subject areas and between standard and current works.

IV. Evaluation Tools

A. “Use studies” involving circulation and browsing data from our online catalog, databases, and journal vendors will show the areas of highest use.

B. Journal Citation Reports purport to pinpoint the most influential journals in any science discipline in several quantitative methods.

V. Assessment and Planning

A. Qualitative Measures
   1. The information access policy for this major will be reviewed every five years.
   2. Appropriate bibliographies will be checked against our holdings.
   3. Benchmarking projects, to be determined.

B. Quantitative Measures
   1. Interlibrary Loan and PASCAL Activities will be monitored to see what subject areas are lacking and what type materials are being requested most.
   2. Circulation Statistics, both for print and electronic resources, will be reviewed to see which areas of the collection are most heavily used.