Imaging and Mapping Resources
For assistance with these collections and services, contact:

Bruce Obenhaus, Government Information Specialist
E-mail: obenhaus@vt.edu
Library Phone: (540) 231-1681
Newman Library Office: Room 2005

Geographic Services at Newman Library (including GIS hardware, software and services; VA Base Mapping Program)
Ed Brooks
E-mail: gisdata@vt.edu
Library Phone: (540) 231-9225
Newman Library, 2nd floor in Room 2010

Aerial Imagery - Virginia Base Mapping Program
http://www.lib.vt.edu/help/subjects/maps/vbmp_ortho.htm
On January 29, 2002, the Commonwealth contracted with VARGIS LLC. of Herndon, Virginia to produce full color, leaf-off, digital orthophotography for the entire land base of Virginia. VARGIS LLC and their subcontractors successfully captured aerial imagery for the entire state of Virginia, over 27,000 frames in 6 weeks time ending in April 2002.

Newman Library has these statewide products:
- 1:4,800 scale (2’ resolution) in rural areas
- 1:2,400 scale (1’ resolution) in urban and suburban areas and
- 1:1,200 scale (1/2’ resolution) in areas where localities choose the option to purchase higher accuracy product.
- 1 - Meter Statewide MrSID
- Statewide Digital Terrain Models (DGN)

Architectural Plans  The Art and Architecture Library has a collection of over 400 architecture plan sets. To find out what plans are in the collection, search the Art & Architecture Drawings Database:
http://www.lib.vt.edu/services/branches/artarch/aadd/search.php Please ask library staff for assistance with this collection.

Books  Search in ADDISON using these keywords to locate more heavily illustrated books on landscape architecture:

Keyword = gardens and pictorial works
Keyword = landscape design and pictorial works


• **Grove Dictionary of Art Online (full-text):** 45,000+ full-text signed articles on a vast range of art and design topics from prehistory through the present. Special features include bibliographies and links to online images. Entries of interest to landscape architects include those about more well-known designers (for example: Capability Brown and Frederick Law Olmstead). Also includes entries providing an overview and history of elements and types such as “fountain”, “park”, “folly” and “grotto”, and definitions and history of terms such as “picturesque”.


• **World Architecture Index: a Guide to Illustrations.** Edward Teague New York: Greenwood Press, 1991. (NA202 T4 1991 ART/ARCH) Indexes roughly 7,200 architectural and landscape works reproduced in 100(+) books covering architecture, landscape architecture, engineering and planning. Provides citations to works containing reproductions of exterior and interior views, plans, elevations and sections. The titles of the works that are indexed are abbreviated. Consult the abbreviation key at the front of the index. Examples of relevant entries include: monuments and memorials, open spaces, parks and gardens.

**Books on Related Topics**

**Aerial Photography:** Do a subject search in Addison for “aerial photography” for more books of aerial photography.


**Landscape Photography:** There are numerous books on landscape photography in the University Libraries. Do a subject search in Addison for “landscape photography” to find artistic, photographic interpretations of landscapes.

**Garden Guidebooks:** Keyword = gardens and guidebooks; Keyword = gardens and directories

- **The Garden Lover’s Guide to...** A series of landscape architecture/garden guidebooks by Princeton Architectural Press
  - **Britain:** (SB466 G7 T39 1998 ART/ARCH REF)
  - **France:** (SB466 F7 T39 1998 ART/ARCH REF)
  - **Germany:** (SB466 G4 Q48 1998 ART/ARCH REF)
  - **Italy:** (SB466 I8 H63 1998 ART/ARCH REF)
  - **Netherlands and Belgium:** (SB466 N4 A2 1999 ART/ARCH REF)
Architectural Guidebooks: Architectural Guidebooks may offer historical background, maps of the area, walking tour itineraries, photographs, and drawings. To locate guidebooks in Virginia Tech libraries, search Addison using the following subject headings:

- Architecture – Guidebooks
- Architecture – (country/state) – (city/county) – Guidebooks
- Buildings – (country/state) – (city/county) – Guidebooks
- Historic Buildings – (country/state) – Guidebooks
- Historic Sites – (country/state) – Guidebooks
- Monuments – (country/state) – Guidebooks
- City (country) – Guidebooks

Locating Images in Journals/Magazines

Avery Index to Architectural Periodicals The Avery Index is the most comprehensive index of its kind - covering architecture, landscape architecture and urban design. Avery indexes over 1,000 scholarly and professional journals from the 1870's to the present. Link to the Avery Index from the Articles/Databases link on the library website (http://www.lib.vt.edu/).

To locate photographs, drawings, maps, plans, etc., included in articles use the “Limit” option in the Avery Index and limit your search to the type of illustration you are looking for – this option is located at the bottom of your search results:

Types of Illustrations (Avery)
- Aerial photos
- Axonometric drawings
- Charts
- Computer drawings
- Details
- Diagrams
- Drawings
- Elevations

Figures
- Graphs
- Ill. (older articles cited in Avery use the broader category Illustrations)
- Isometric drawings
- Maps

Photos
- Plans
- Ports. (Portraits)
- Reconstructions
- Sections
- Site plans
- Sketches

For example:

Websites & Databases

- **American Landscape and Architectural Design, 1850-1920** (Harvard University & Library of Congress): [http://lcweb2.loc.gov/ammem/award97/mhsdhtml/aladhome.html](http://lcweb2.loc.gov/ammem/award97/mhsdhtml/aladhome.html) A large database of approximately 2,800 images taken from Harvard’s collection of lantern slides depicting works of American landscape architecture built between the years 1850-1920. Search the collection by keyword, subject, state, or designer’s name. You can also search the Library of Congress’ other collections, including the Geography Collection that includes numerous reproductions of both historical and contemporary maps of national parks and other significant American landscapes.
- **Archives of American Gardens, Smithsonian Institution, Washington, D.C.:**
http://www.si.edu/horticulture/res_ed/aag/home.htm  Over 80,000 photographs and drawings documenting over 5,000 historic and contemporary American gardens. Search SIRIS (Smithsonian Institution Research Information System) http://www.siris.si.edu/ in order to retrieve online images, or information about materials held at the Archives of American Gardens in Washington, D.C. Another option is to browse the Archives Image Gallery online: http://sirismm.si.edu/siris/sirisimagegallery.htm

- **Cities/Buildings Image Database:** http://www.washington.edu/ark2/ This University of Washington database offers 5,000(+) images of buildings, urban landscapes, parks and gardens worldwide.
- **CLIP: Contemporary Landscape Inquiry Project** (University of Toronto): http://www.crl.utoronto.ca/VIRTUALLIB/CLIP/ A clearinghouse of case studies researching contemporary landscape projects. Click on the link "Working Case Listings" to access an A-Z list.
- **History of Landscape Architecture** (University of Oregon, Department of Landscape Architecture): http://darkwing.oregon.edu/~helphand/homepage.html A website of images posted by professor and author Kenneth Helphand for his course on the history of landscape architecture. Topics include: Gardens, Agriculture, Egypt, Greece, Roman, Primitive, Paradise Gardens, Islamic, Spanish, Moghul, Medieval Gardens, Forest, French Gardens, Pastoral, English Gardens, Parks Movement, America 18th-19th Century, and Boston.
- **Italian Renaissance Gardens** (Monash University, Professor F.W. Kent) http://www.arts.monash.edu.au/visual_culture/projects/diva/italian.html
- **Japanese Garden Database:** http://www.jgarden.org/
- **Landscape Architecture Foundation (LAF), Projects:** http://www.laprofession.org/practice/project.htm
- **Landscape Architecture Image Resource (LAIR):** http://www.lair.umd.edu/default.htm
- **S.P.I.R.O (UC Berkeley, Architecture Slide Library):** http://shananana.berkeley.edu/spiro/
- **Vilar: Virtual Landscape Gallery:** http://www.vilar.com/

**Find More Images Online**
- **Getty Images:** http://www.gettyimages.com/
- **Google Image Search:** http://www.google.com/

**Videos, DVD’s and CDROMs**
The Art & Architecture Library has over 800 videos, DVDs and CDROMs on a wide variety of art and architecture topics.

Select "material type" VHS or DVD, for instance, in an Advanced Search in Addison.

**Library Scanner** The Art & Architecture Library has a computer workstation equipped with a flatbed/slide scanner for public use. If you need instructions on how to use the scanner, please inquire at the circulation desk.

**Need Help?** Please consult a librarian. Heather Ball is the Art and Architecture Librarian at Virginia Tech and can be reached via e-mail: h.ball@vt.edu, or by phone: (540) 231-9272. For more information about the Art and Architecture Library at Tech, visit the library online at: http://www.lib.vt.edu/services/branches/artarch/