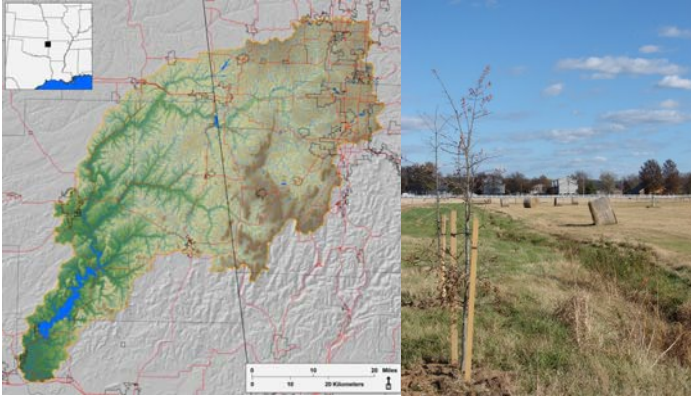


M.S. Assistantship: Riparian Management GIS/Remote Sensing

The School of Forest Resources, University of Arkansas, Monticello has a M.S. Assistantship available beginning in the summer or fall of 2009. The assistantship is half time and carries a stipend of \$15,000 per year plus tuition.



Project: The assistantship will work on a project implementing and evaluating models to prioritize buffer riparian placement in the Illinois watershed in northwestern Arkansas. Different spatial data sets will be used to assess resolution and scales required to meet accuracy and precision suitable for planning on site establishment of

buffers. In addition a P transport model will be used to evaluate sensitive areas for management activities. The intent of this project is to develop needed tools to better manage this and other watersheds in the region. Agriculture dominates the Illinois but it is one of the most rapidly urbanizing areas in the region. Funding for this project is through the US Department of Agriculture and the Arkansas Water Resource center. More information about the watershed can be found at:

http://arkansaswater.org/index.php?option=com_content&task=view&id=136

Requirements: A 2.7 overall undergraduate GPA or 3.0 GPA in the last 60 semester hours of undergraduate courses and satisfactory GRE scores (verbal+quantitative ~1000). A B.S. degree in hydrology, environmental science, biology, soils, agriculture, forestry or a related field is also required. Some background in GIS would be helpful.

Research Facilities: The School of Forest Resources houses the Spatial Analysis Laboratory (SAL). The SAL is a state of the art laboratory that serves the university and state by providing resources and training for students and professionals. Visit <http://sal.uamont.edu/> to explore SAL information and activities.

Application & Additional Information: For additional information or to apply contact Dr. Hal O. Liechty School of Forest Resources, UAM, P.O. Box 3468, Monticello AR 71656. Phone:870-460-1452, E-Mail: Liechty@uamont.edu; Web:

<http://www.afrc.uamont.edu/liechtyh/> or Contact; Dr. Robert Weih Jr., Director of Spatial Information Systems Program, School of Forest Resources. Phone:870-460-1248; Weih@uamont.edu.

Graduate materials and information can be found at the following websites:

http://www.afrc.uamont.edu/sfr/graduate_education.htm