



The Science Complex at Murray State University includes the Jesse L. Jones Family Clock Tower which connects the Biology Building on the right with Jesse D. Jones Hall (Chemistry Building) on the left.

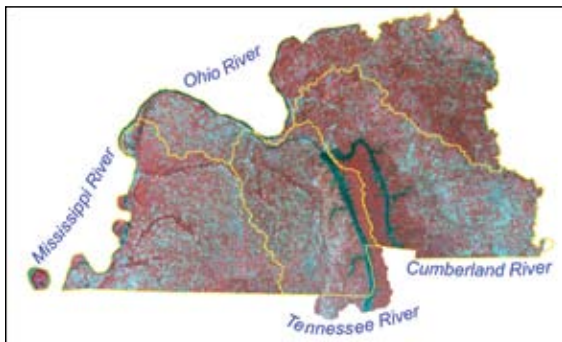
## Admission

### > REQUIREMENTS

Admission into the Watershed Science program requires:

- an undergraduate degree in biology, chemistry, geosciences, mathematics, physics or a closely related field
- a 3.0 or higher undergraduate GPA
- a composite GRE score of at least 1,000.

Applications can be found online at: [www.murraystate.edu/admissions/applyonline.aspx](http://www.murraystate.edu/admissions/applyonline.aspx).



The Four Rivers area as shown by satellite imagery and GIS layers.



**MURRAY**  
STATE UNIVERSITY  
**College of Science,  
Engineering and Technology**

### Watershed Studies Institute

For more information on graduate studies in Watershed Science, contact:  
Howard Whiteman, graduate coordinator  
Department of Biological Sciences  
101 Biology Building  
Murray, KY 42071

**270.809.6753**

E-mail:  
[howard.whiteman@murraystate.edu](mailto:howard.whiteman@murraystate.edu)

Website:  
[www.murraystate.edu/wsi](http://www.murraystate.edu/wsi)

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**MURRAY**  
STATE UNIVERSITY  
**Watershed  
Studies Institute**

*Graduate Studies in  
Watershed Science*




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[www.murraystate.edu/wsi](http://www.murraystate.edu/wsi)

## Master's Degree in Watershed Science

The Master's Degree in Watershed Science is an interdisciplinary program in the College of Science, Engineering and Technology designed to prepare students for careers or further post-graduate studies in the broader aspects of watershed management and science including:

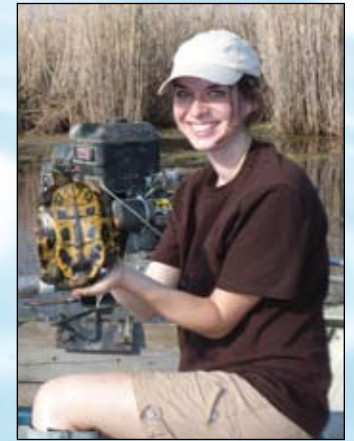
- Aquatic Ecology
- Environmental Chemistry
- Hydrological Spatial Analysis
- Watershed Conservation

**Both thesis and non-thesis tracks are available.**



# Develop your career with WSI

**Established in 1987 by the Kentucky Council on Higher Education, for over 20 years the Watershed Studies Institute at Murray State University has focused on research of watershed ecosystems and education of the next generation of watershed scientists.**



WSI sponsors three research centers that comprise the support base for research and education at the Institute:

- **Chemical Services Laboratory (CSL)**  
At CSL students receive hands-on laboratory training in environmental and analytical chemistry.
- **Hancock Biological Station (HBS)**  
Located a few miles from MSU's campus on Kentucky Lake, HBS offers a variety of field research opportunities for students.
- **Mid-America Remote sensing Center (MARC)**  
MARC is western Kentucky's premier remote sensing and geographic information Systems facility where students learn new and emerging remote sensing and GIS skills.

Each facility supports an important aspect of watershed research, such as GIS at MARC, analytical and environmental chemistry at CSL, or freshwater field biology at HBS, and can be utilized by undergraduate and graduate researchers, as well as research associates and visiting scientists.

Besides regional studies in western Kentucky and Tennessee, WSI faculty and students conduct research throughout the globe including field sites in Alaska, Colorado, the Caribbean, Mexico and China.

*Background photo courtesy of Nikhil Verma*

