



### **Facts in Brief**

**Type:** Founded in 1873, Southeast Missouri State University has evolved into a comprehensive state University of nine colleges and schools offering more than 150 academic programs.

**Location:** Southeast is located on the Mississippi River in Cape Girardeau, a college town of about 40,000 residents. Interstate 55 links Cape with St. Louis just two hours to the north and with Memphis three hours to the south.

**Enrollment:** Approximately 9,500 students attend the University with a student/faculty ratio of 18 to 1. Average freshman class size is 25-30. Students come from all 50 states and from countries around the world.

**Curriculum:** Southeast offers more than 150 areas of study in business, education, the health professions, the liberal arts, science and technology. These programs are arranged among the Donald L. Harrison College of Business, the College of Education, the College of Health and Human Services, the College of Liberal Arts, the College of Science and Mathematics, the School of Extended Learning, the School of Graduate Studies and Research, the School of Polytechnic Studies, and the School of University Studies.

**Student Activities:** More than 130 social and special-interest student organizations are offered at Southeast including national fraternities and sororities, NCAA Division I athletics and more than 12 musical groups including the internationally recognized Golden Eagles Marching Band.

**Facilities:** The Show Me Center is home to the University's championship basketball teams and the site of concerts featuring numerous entertainers. The Student Recreation Center is a 90,000 square foot facility with basketball courts, racquetball courts, a weight room and an indoor track. Robert A. Dempster Hall, home of the Donald L. Harrison College of Business, features state-of-the-art computer labs, two fully mediated business policy classrooms and a 400-seat auditorium. The new Otto and Della Seabaugh Polytechnic Building has the latest high-tech equipment and includes the Technology Resource Center.

**Technology:** At Southeast, technology is one of the hallmarks. Across campus, computer labs remain open day and night to allow students access to government documents, educational materials and markets around the world. More than 2,200 computers are available to students. In addition, Southeast is home to more than 26 miles of fiber optic cable, 24-hour connections in all residence halls and up to 7,500 e-mail accounts.



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## CENTER FOR ENVIRONMENTAL ANALYSIS

### FUTURE SOLUTIONS NOW



At Southeast Missouri State University

## ABOUT THE CENTER FOR ENVIRONMENTAL ANALYSIS

The Center for Environmental Analysis offers a wide range of analytical services, field sampling support and remote sensing/geographical information system products. The Environmental Analysis Laboratory provides a full range of services including volatile organic analysis, pesticide analysis, metals analysis and anion/cation analysis. These analyses are performed according to EPA, APHA, ASTM, NIOSH and OSHA methodologies.



The Environmental Analysis Laboratory is capable of performing analysis on water, wastewater, semi-solids, soil, air and biological medias. In addition, the laboratory has trained field staff to perform required sampling protocols for our clients.

A full range of analytical equipment is housed in the Environmental Analysis Laboratory. This equipment includes,

GC-NPD, GC-MS, GC-HPLC, AA, ICP-OES, ICP-MS, IC and XRD spectroscopy.

Finally, the Environmental Analysis Laboratory is capable of providing assistance to our clients in addressing indoor air quality issues in the industrial, agricultural and residential environments.

The Center is also performing research and development projects in the areas of analytical method development for rare earth elements in soil and biosensor development for the detection of organophosphate insecticides in water.

## QUALITY ASSURANCE

The Center for Environmental Analysis will prepare the appropriate level of QA/QC packages for our clients. We appreciate the needs of our customers and carefully listen to our clients in order to provide a custom package that delivers the expected level of performance by our staff.

## OTHER CAPABILITES OF THE CENTER

The Center also contains a top-performing remote sensing/GIS laboratory capable of performing multispectral and hyperspectral analyses to support contaminant identification and monitoring, GIS map development and land-use planning activities. In addition, this technology can be applied to tracking agricultural diseases, public health diseases, epidemiological disease patterns and homeland security issues.



The Center also provides training opportunities to regional public and private agencies in the areas of OSHA 40-HOUR HAZWOPER, OSHA 8-HOUR HAZWOPER Refresher, OSHA 10-Hour or 30-HOUR Training and Homeland Security issues associated with weapons of mass destruction. These courses can be designed to meet the specific needs of our customers. The spacious training rooms located at the Center offer a comfortable atmosphere for the courses or we can visit your facility to conduct the training.

The staff at the Center for Environmental Analysis is prepared to provide services in Phase I, II and III Environmental Site Assessment to our clients. We also offer the unique ability of providing assistance in the areas of human health risk assessment and environmental risk assessment techniques. Environmental fate and transport modeling and hydrological modeling are also available to clients in need of specific assistance.