



## TRANSPORTATION LOGISTICS AND ENVIRONMENTAL RESOURCES

### **Center for Environmental, Geotechnical and Applied Sciences**

[www.marshall.edu/cegas](http://www.marshall.edu/cegas)

#### • **Geographic Information Systems Facilities**

The center's state-of-the-art GIS facilities are used for teaching, conducting contract work and providing training. Available equipment includes high-end graphic workstations with large screen monitors, a color plotter and large format scanner, and printers configured on a high-speed Ethernet network.

#### • **Virtual Interactive Simulation Environment Lab**

Located in the Arthur Weisberg Family Engineering Laboratories, the VISE lab blends the virtual and real worlds into a 3-D immersive, interactive environment for potential applications in disaster simulations, emergency response training, scientific visualization and biomechanics research.

#### • **Environmental Management Incubator**

The incubator staff provides assistance to small businesses in regulatory compliance and permitting, pollution prevention (waste minimization, energy management, recycling/re-use) and environmental technology development.

#### • **Southern West Virginia Brownfields Assistance Center**

The center helps communities realize economic development benefits through the aggressive redevelopment of abandoned contaminated properties.

### **Nick J. Rahall II Appalachian Transportation Institute**

[www.njrati.org](http://www.njrati.org)

This multimodal research institute emphasizes intelligent transportation systems and customized web-based geographic information systems.

Designated a national University Transportation Center by the U.S. Department of Transportation, the institute helps public and private sector entities across the region improve their effectiveness in intermodal transportation and economic development with a combination of research and data analysis, technology solutions, education and workforce development outreach.

Research areas at the institute include the following

- **Socio-Economical / Political**
- **Geotechnical / Environmental**
- **Civil and Material Science Engineering**
- **Technology / Product Development**



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