Working collaboratively

The NTC is a member of university research consortia, such as the Mid-Atlantic Transportation Sustainability University Transportation Center (MATS UTC) and the University of Maryland National Transportation Center for Economic Competitiveness (UMD NTC), and the Council of University Transportation Centers.

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What the NTC does

The theme of the NTC is “Transportation: A Key to Human and Economic Development.”

Established by the U.S. Congress under the Intermodal Surface Transportation Efficiency Act of 1991, the NTC is now part of the U.S. Department of Transportation’s University Transportation Centers Program through two university transportation center consortia.

The NTC advances U.S. technology and expertise through education, research and technology transfer at the university level. The center also encourages women and minorities to study transportation, and it provides students with opportunities to conduct independent research in transportation and related issues. Internship and education programs help grow the next generation of transportation professionals.

The latest research

Morgan State University is a Carnegie-Classified Doctoral Research Institution, and in addition to conducting research, the NTC also provides funding for select research. The NTC’s current areas of research focus are transportation and traffic modeling, safety, economics and equity, transportation funding, and sustainable transportation.

How is the NTC funded?

The NTC is funded by U.S. Department of Transportation grants, Maryland Department of Transportation contracts and other government contracts.

A few examples of current and recent research projects are prioritizing safety improvements on one of the nation’s busiest highways, willingness to pay for connected vehicles, the environmental and safety attributes of electric vehicle ownership and commuting behavior, infrastructure’s impact on aquatic life, and durability assessment of prefabricated bridge elements and systems.

What the NTC can do for your organization

- Conduct independent research involving transportation planning, design, management, finance, operations and technological developments, such as connected/electric vehicles or innovative materials
- Create surveys and gather critical data
- Assist in developing internship programs
- Create training manuals for transportation-related agencies
- Provide research opportunities for faculty and students, and training for transportation professionals and educators.