



Mid-Atlantic Transportation Sustainability (MATS) University Transportation Center (UTC)

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University of Virginia (Lead)
Virginia Tech
Marshall University
Old Dominion University
Morgan State University
University of Delaware

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- The background is a solid light green color with a subtle gradient. It is decorated with numerous white butterfly silhouettes of various sizes and orientations, scattered across the page. The butterflies are simple line-art style drawings.
- 1. Sustainable freight movement**
 - 2. Coastal infrastructure resilience**
 - 3. Energy efficient urban transportation**
 - 4. Enhanced water quality management**
 - 5. Sustainable land-use practices**

1. Sustainable freight movement

Alternative Fuels Usage in Maritime Transportation System (Professor James Corbett, UD)

2. Coastal infrastructure resilience

Multimodal Transportation Facility Resilience Index (Professor Okine, UD)

Microbial Biomarkers for ASR-Damaged Concrete (Professor Maresca, UD)

3. Energy efficient urban transportation


Connected Vehicle Technologies for Energy Efficient Urban Transportation (Professor Prasad, UD)

4. Enhanced water quality management

Simultaneous Removal of Nitrogen and Phosphorous from Stormwater by Zero-Valent Iron & Biochar in Bioretention Cells (Professor Chiu, UD)

5. Sustainable land-use practices

Land-Use Master Planning for Environmental Sustainability (Marcia Scott, UD)

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- .Research**
 - .Student involvement & employment**
 - .Education**
 - .Technology Transfer**
 - .Distinguished guest speakers**
 - .Outreach**
 - .Academia, government, private sector**

Environmental sustainability

"We do not inherit the earth from our ancestors; we borrow it from our children"