

# **National Road Research Alliance Geotechnical Team May Meeting**

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Reclamation/Grading Engineer**

# Agenda

1. Welcome and Introductions
  - New Members/New Attendees Introduction
2. General NRRA Update
  - Summary of Executive Team Review of NRRA Research Ideas and Funding
  - Next Steps
3. Update Ongoing Research Projects
4. Update Permeability of Base Aggregate and Sand Project
5. Best Practices for Placement of Geotextiles?
6. Upcoming Geotech Events
7. Questions/Requests

# General NRRA Update

# Update Research Projects

Project	Team	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Task 8	Task 9 & 10
Determining Pavement Design Criteria for Recycled Aggregate Base and Large Stone Subbase [100%]	MSU/ISU /UWM									
Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations [95%]	UNH						TAP reviewed		TAP reviewing	In progress
Environmental Impacts on the Performance of Pavement Foundation Layers [90%]	MSU				In progress					
Permeability of Base Aggregate and Sand [75%]	UWM			In progress	In progress					
Improve material inputs into mechanistic design properties for reclaimed HMA Roadways [100%]	MSU/ISU				Editorial review					
Continuous Moisture Measurement during Pavement Foundation Construction [10%]	UTEP		In progress							

# Update Permeability of Base Aggregate and Sand Project

# Best Practices for Placement of Geotextiles ?

# Upcoming Geotech Events

- 4<sup>th</sup> International Conference on Transportation Geotechnics – Virtual, May 24-27

<http://conferences.illinois.edu/ICTG2021/>



# Upcoming Geotech Events

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## 4<sup>th</sup> ICTG Pre-Conference Workshops / Short Courses / YTGE Meeting

Event Type	Event	Organized by
Meeting (Full day)	<b>YTGE Meeting</b>	Yu Qian
Short Course (Full day)	<b>Geosynthetics in Transportation Geotechnics – Instructors Jorge Zornberg &amp; Erol Tutumluer</b>	IGS NA – John McCartney & Jennifer Nicks
Workshop (Full day)	<b>Developing Specifications to Address Track Support and Substructure Maintenance &amp; Safety Challenges</b>	Ted Sussmann & Dingqing Li
Workshop	<b>IC Technologies in Earthworks</b>	Soheil Nazarian
Workshop	<b>Sustainability &amp; Climatic Effects in Mechanistic based Designs of Highway &amp; Airfield Pavements</b>	Hasan Ozer & Halil Ceylan
Workshop	<b>Airfield Pavement Design &amp; Rehabilitation</b>	Nav Garg & Jeb Tingle



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