

Transportation Research Board
Joint Section Subcommittee on Geotechnical Asset Management - AFP00(1)
2020 Annual Meeting – Washington, D.C.

**Joint Subcommittee on Geotechnical Asset Management of AFP00 and
AFS00**

<https://trb-gam.weebly.com>

Monday January 13, 2020
6:00 PM – 9:30 PM - University of DC (M1), Marriott Marquis

MEETING AGENDA

BUSINESS and ANNOUNCEMENTS (45 minutes)

1. Intro by Co-Chairs and Deputy-Chairs - Including TRB updates by TRB Staff Officer (Scott Anderson)
2. Approval of last year's minutes (All)
3. GAM Subcommittee organization (Scott Anderson)
4. GAM Subcommittee home for TRB reorganization, AKG/AKT or Other TBD
<http://www.trb.org/AboutTRB/TADStrategicAlignment.aspx>
5. FHWA Update (Silas Nichols/Steve Gaj)
6. GAM Subcommittee Website: trb-gam.weebly.com (Darren Beckstrand)

2020 Sponsored Sessions (and others relevant)

1. Sunday January 12: Enhancing Resiliency by Better Moisture Measurement Near Pavements and Structures (Workshop 1025)
2. Sunday January 12: Impact of the Mischaracterization of Rock on Construction Projects (Workshop 1069)
3. Sunday January 12: Rockfall Management Subcommittee AFP10(1)
4. Monday January 13: Geophysics Subcommittee, AFP20(1)
5. Monday January 13: Cone Penetration Methods in Geotechnical and Geohazard State of Practice (Lectern Session 1178)
6. Monday January 13: Geotechnical and Geohazard State of Practice: Analysis, Mitigation, and Management (Poster Session 1282)
7. Monday January 13: Seasonal Climatic Effects on Transportation Infrastructure Committee (AFP50)
8. Monday January 13: AASHTO Asset Management Subcommittee Joint Meeting (ABC40)
9. Monday January 13: Asset Management Education Subcommittee, ABC40(5)
10. Monday January 13: Transportation Asset Management Committee (ABC40)
11. Tuesday January 14: Geotechnical Site Characterization Committee (AFP20)
12. Tuesday January 14: A Forum on Advances in Multidimensional Geologic Modeling
13. Tuesday January 14: Advances and Lessons from the Field (Lectern Session 1531)
14. Tuesday January 14: Advancements in Mapping and 3D Technologies Using LiDAR and Photogrammetry (Lectern Session 1645)
15. Tuesday January 14: Engineering Geology Committee (AFP10)
16. Tuesday January 14: Advances in Numerical Modeling and Soft Computing for Assessing Performance of Geotechnical Assets (Poster Session 1560)

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17. Wednesday January 15: A Forum on Advances in Slope Characterization and Stability Design
18. Wednesday January 15: Advances in Landslides, Analysis, and Control Subcommittee, AFP10(2)
19. Others to mention by Members and Friends?

Prior Business

1. The 2019 TRB Workshop at the Highway Geology Symposium, Portland, OR, October: *“Looking Ahead at Informed Decision-Making for Engineering Geologists”*
2. NW Geotechnical Workshop: Geotechnical Asset Management – NCHRP Report 903 Summary
3. Geotechnical Aspects of Pavement (GAP) 2019: Implementation of Geotechnical Asset Management
4. HGS: Evidence of the Value for Geotechnical Asset and Geohazard Management)
5. NCHRP Project 24-46: Development of an Implementation Manual for Geotechnical Asset Management for Transportation Agencies – 800 downloads of PDF files from NCHRP site; informal conversations with states and other agencies using manual
6. Syntheses awarded and announcement of questionnaires distributed following the meeting (Estimating and Contracting Rock Slope Scaling Adjacent to Highways – Topic 50-13 and Advances in Unstable Slope Instrumentation and Monitoring – Topic 50-06)
7. NCHRP 20-06/Topic 24-02, Potential Liability Associated with Unstable Slope Management Programs: Timothy R. Wyatt, Conner Gwyn Schenck PLLC conducted the study – presentation to follow.
8. Deterioration Rates and Life-Cycle Costs for Geotechnical Assets – [Problem Number 2021-D-06](#) (Ty Ortiz)

Announcements

- GeoCongress 2020, Minneapolis, MN, Feb. 25-28
 - Special Session 17: Temporal Forecast GeoRisk Distributed Infrastructure
- GeoCongress 2020 Workshops:
 - Implementation of Geotechnical Asset Management (4 PDHs), Tues. Feb. 25
 - MSE Wall Design, Construction and Asset Management Best Practices (7.5 PDHs), Tues. Feb. 25
- 13th National Conference on Transportation Asset Management, Boston, MA July 11-14
- AEG in Portland, OR, September 15-20, 2020
- HGS in Asheville, NC, September 21-23, 2020
- Others as announced

PRESENTATIONS and DISCUSSIONS (120 minutes with break)

1. Robert Jowers – TNDOT’s Geotechnical Asset Management Program (15 min)
2. Gavin Gautreau – Louisiana’s Geotechnical Asset Management Program (15 min)
3. Jen Harper – Missouri DOT’s Initiation of a Geotechnical Asset Management Program (15 min)
4. John Siekmeier - Statute Requires Resilient Transportation Supported by Geotechnical Assets (10 min)

Break (10 minutes)

Research Needs Statement Idea Generation (10 min)

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1. Timothy Wyatt - Potential Liability Associated with Unstable Slope Management Programs (15 min)
2. Lexi Hain and Arash Zaghi - Using Photogrammetry for Masonry Wall Monitoring (15 min)
3. Dave Gauthier – Decision-support and asset management from 3D change-maps: making simple bets from sophisticated data (15 min)

Research Needs Statement Idea Generation (10 min)

ACTIONS (15 minutes)

1. Research Needs Statements
2. Other

CLOSURE AND ADJOURNMENT