

Transportation Research Board
Joint Section Subcommittee on Geotechnical Asset Management - AFP00(1)
2017 Annual Meeting – Washington, D.C.

**Session NWM17-0024 - Joint Subcommittee on Geotechnical Asset Management of
AFP00 and AFS00**

Mon 1/9/2017 7:30 PM - 10:00 PM
Dogwood (Mezzanine), Marriott Marquis

MEETING AGENDA

BUSINESS (5-10 minutes each)

1. Intro by Co-Chairs and Deputy-Chairs (Including TRB updates by TRB Staff Officer)
2. Promotion of Session 842 – LECTERN Session on “Implementation of Geotechnical Asset Management”. Wednesday January 11, 2017, 10:15 am to 12:00pm at Convention Center – Salon A. – and other activities.
3. HGS Rotation – GAM Subcommittee to plan for half day symposium for 2018 HGS.
4. The Creation Myth of GAM – Kristen Sanford Bernhardt, Erik Loehr and Daniel Huaco.
5. Final Rule-making for DOTs and Asset Management Plans –Paul Thompson
6. NCHRP Research Project – GAM Implementation Manual Report on Progress – Mark Vessely

PRESENTATIONS and DISCUSSIONS (15-20 minutes plus discussion each)

NCDOT’s Performance-Based Geotechnical Asset Program– John Pilipchuk

- DISCUSSION – What can we learn from this recent implementation process and build upon?

Railroad GAM, present and future practice– Chris Bunce

- DISCUSSION – Integration of HazMat safety risk assessment requirements, hazards and asset management, and temporal hazard response.

Unstable Slope Management Program for Federal Land Management Agencies – Project Update – Jonathan Berry

- DISCUSSION – Can GAM Implementation be routinized or simplified enough to be readily applicable to a broad range of transportation agencies at federal, state and local levels?

Risk Cube Tool for Visualization of Risk Components of Geotechnical Assets – Scott Anderson, Mark Vessely, Ty Ortiz.

- DISCUSSION – What is the best way to incorporate this visualization tool in GAM implementation?

ADDITIONAL DISCUSSION TOPICS (Remaining time)

- a. Research Project Development in 2017 based on survey of members/friends list last year (Bob Kimmerling)
 - i. Do Circular or Synthesis of GAM R & D research and papers to date, mostly recent papers. **Need Volunteers**
 - Transportation Research Circulars: Committee reports, including interim research findings and research problem statements, considered to be of immediate interest but not necessarily of permanent reference value
 - NCHRP Synthesis Reports: Syntheses report on the state of the practice based on literature reviews and surveys of recent activities in critical areas.
 - ii. TRB/NCHRP RNS for study (-ies?) on: **Need Volunteers**
 - Development of Deterioration and Cost Models for GAM, and

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- Development of Economic Analysis Tools to Support Long Range Cost Forecasts and Condition/Service Life/Replacement Date Forecasting for Agency Decision-Makers.
- b. Ideas for Future Activities for Subcommittee
- c. Ideas for Future Development of GAM – Short Term and Long Term.
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Notes:

Session 842 - Implementation of Geotechnical Asset Management

Wed 1/11/2017 10:15 AM - 12:00 PM

Salon A, Convention Center

- Beckstrand, Darren and Mines, Aine – Jump-Starting Implementation of GAM
- Mazzanti, Paolo – Smart GAM
- Moruza, Audrey – Economics of InSAR for GAM
- Funk, Natasha – Colorado Retaining Wall Program