

SUBCOMMITTEE MEETING AGENDA
98th ANNUAL MEETING TRANSPORTATION RESEARCH BOARD
SUBCOMMITTEE AFP10 (1) – ROCKFALL MANAGEMENT
7:30 P.M. - 10:00 P.M., SUNDAY, JANUARY 13, 2019
Cherry Blossom (Mezz) MM

1. Introductions 7:30 PM
2. 2018 Annual Meeting Subcommittee Minutes Ben Arndt
3. Agenda Changes Ben Arndt

4. Summary Past Subcommittee and Related Activities
 - 2018 Highway Geology Symposium – Portland, Maine Krystle Pelham
 - 2018 Managing Highway Rock Slope Scaling Darren Beckstrand/Other
 - *Other Announcements* All

5. Announcements Future Related Activities
 - 2019 Engineering Geology Committee Meeting AFP10 Ty Ortiz
 - 2019 New Subcommittee AFP10(2) Advances in Landslides, Analysis, and Control -Reviewing TRB Special Report 247 Brent Black
 - 2019 Highway Geology Symposium – Portland, Oregon Brent Black/Other
 - *Other Announcements* All

6. Presentations (Please limit time to 10 to 15 min) 8:00 PM
 - ***Development and Application of a Fragmental Rockfall Simulation Technique.*** Zac Sala

 - ***Icefall Hazards & Mitigation System Design.*** David Scarpato

 - ***Ruby Walls Emergency Rockfall Project.*** Robert Group

 - ***Monitoring Rockslopes in Montana.*** Darren Beckstrand

 - ***Issues with Long Term Cleanout and Maintenance of Rockfall Systems.*** Mark Falk

7. Break 9:20 PM

8. Rockfall Research Needs and Future Session Topics 9:30 PM
 - Existing RNS
 - *Post Base Support Systems for Flexible Rockfall and Debris Flow Barriers: Design Framework and Performance Criteria*
 - *Procedures to Develop Defined Metrics and Protocols Using Existing Rockslope and Rockfall Design Guidelines within Corridors for Mitigation of Rockfall and Rockslides*
 - Proposed Research Needs for 2019 (For Discussion) All
 - *Long Term Maintenance of Rockfall Systems?*
 - *Post tensioned Anchors vs Dowels?*
 - *PUF for Rock Bolting?*
 - *Testing of Rockfall Panel Systems?*

- Other Future Research Needs All
 - AFP10(1) Proposed Sessions / Workshops / AASHTO / Discussion All
9. Other Business (as time permits) All
10. Adjourn 10:00 PM