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TRANSPORTATION RESEARCH BOARD

**2018 Meeting Agenda: Transportation & Air Quality Committee (ADC20)**

TRB 2018 Spotlight Theme: “Transportation: Moving the Economy of the Future.”

**Date:** Wednesday, January 10, 2018

**Time:** 2:30 to 6:00 pm

**Place:** Independence E (M4), Marriott Marquis

- **Doug Eisinger**, Sonoma Technology, Committee Chair
- **Marianne Hatzopoulou**, Univ. of Toronto, Committee Research Coordinator

**Meeting focus:** crowd-sourced ideas about ADC20’s strengths, weaknesses, opportunities, threats (SWOT analysis)

1. Introductions, handouts, meeting format/goals, past meeting minutes (Doug, 10 minutes)
2. Presentation of this year’s top papers (30 minutes)
  - Joe Zietsman, TTI, “Effectiveness of Idle Reduction Technologies in Reducing Driver Exposure to Diesel Emissions” (paper #18-03013).
  - Jiaqi Ma, University of Cincinnati, “An Eco-Drive Experiment On Rolling Terrains For Fuel Consumption Optimization With Connected Automated Vehicles” (paper #18-05917).
3. Paper review process results, recommendations for next year (Marianne, 15 minutes)
4. The big picture: macro observations about the transportation air quality field
  - The year in review – major actions; Glynda Bathan (Clean Air Asia), Doug Ito (CARB), Jim McCarthy (Congressional Research Service) (10 minutes)
  - Looking ahead – key trends, emerging problems and challenges; Matt Barth (CE-CERT), Jackie Ploch (TxDOT), Roger Wayson (AECOM) (10 minutes)
5. Strategic planning breakout: SWOT analysis:
  - *Strengths*: what does ADC20 do really well?
  - *Weaknesses*: where can ADC20 improve?
  - *Opportunities*: where should ADC20 lead on topics, partnerships, other things?
  - *Threats*: what can reduce ADC20’s effectiveness and how should we respond?

Breakout Part 1

- Small groups discuss SWOT questions; roughly grouped by organization type (35 min.)
  - EPA, state and local environmental agencies
  - FHWA, state DOTs, and MPOs
  - Universities, NGOs, consultants

*Facilitators:* Bob Chamberlin (RSG), Reza Farzaneh (TTI), Karin Landsberg (WSDOT), Ray Minjares (ICCT), Greg Rowangould (U.NM), Song Bai (STI)

Environment and Energy Section, Standing Committee on Transportation and Air Quality (ADC20)

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## 10 minute meeting break

### Breakout Part 2

- Group spokesperson reports out findings from discussions (5 min. each, 15 min. total)
  - Volunteers synthesize outcomes and share brief report (post-TRB): Victoria Martinez (FHWA) and Heng Wei (U. Cincinnati)
6. Summer conference planning update; David Kall (FHWA) (5 min.)
  7. Reports: *Analysis and Technology and Behavior* Subcommittees; Jenny Narvaez (NCTCOG), Ann Xu (DOE) (10 min. total)  
*Handouts available on EPA and FHWA updates provided in the Analysis subcommittee meeting*
  8. Report on sessions and workshops sponsored by ADC20 this year (Doug, 5 min.)
  9. TRB webinar opportunities; Kevin Black (FHWA) (5 min.)
  10. Website management update; Mike Claggett (FHWA) (5 min.)
    - Status of current website
    - Where to find archived material from past years
  11. NCHRP; Lori Sundstrom (NCHRP Manager, TRB) (10 min.)
    - Projects report: air quality studies recently completed, underway, and upcoming
    - Funding process review: who selects projects for funding, when, and how (criteria)
  12. TRB info sharing; Christy Gerencher (Sr. Program Officer, TRB) (5 min.)
  13. Information sharing about related TRB committees and/or other items (all, 10 min.)
    - Announcements from the committee
    - Announcements from the audience
  14. Review of ADC20 volunteer roles and appreciations for work in 2017 (Doug, 5 min.)
  15. Adjourn (by 6:00 pm)