2019 Meeting Agenda: Transportation & Air Quality Committee (ADC20)
TRB Spotlight Theme: "Transportation for a Smart, Sustainable, and Equitable Future."

Date: Wednesday, January 16, 2019
Time: 2:30 to 6:00 pm
Place: Independence E (M4), Marriott Marquis
- o Doug Eisinger, Sonoma Technology, Committee Chair
- o Marianne Hatzopoulou, Univ. of Toronto, Committee Research Coordinator (CRC)

Meeting focus: ADC20 strategic planning, travel activity changes and air quality implications

1. Introductions, handouts, meeting format/goals, past meeting minutes (Doug, 10 minutes)
   - o Handout #1: NCHRP-Update-12-27-2018
   - o Handout #2: 2019-CARB-Calif-wildfires-evaluation-low-cost-sensors-FINAL

2. Presentation: one of this year's top papers (10 minutes)
   - o Hani Ramezani, U.C. Berkeley, "Calibration of Motor Vehicle Emission Simulator (MOVES) to Incorporate Effect of Truck Platooning" (paper #19-05831).

3. Committee Strategic Planning
   - o 2018 Summer Meeting Final Report: David Kall (FHWA) (5 min.)
   - o 2019 priority research needs: survey, SWOT, summer meeting digests: Marianne (5 min.)

4. Upcoming conferences: Doug (5 min.)
   - o Oct. 2019 ADC20 co-sponsored AWMA Conference, Freight & Environment, Newark NJ
   - o Summer 2020 ADC20 mid-year conference (recruiting now for planning committee)

5. Subcommittee Reports:
   - o Analysis: Jenny Narvaez (NCTCOG) (5 min.)
   - o Technology and Behavior: Ann Xu (TTI) (5 min.)

6. Reports From the Field: Recent Insights from Committee Members and Friends 5 minutes, 1-2 ppt slides per person (35 minutes total):

   - o Activity: Chris Porter (Cambridge Systematics), Truck Drive Cycles & Operating Modes
   - o Emissions: Huan Liu (Tsinghua University), Recent Insights on Beijing Emissions
   - o Air quality (modeling): Chris Owen (EPA), Upcoming AERMOD Updates for Transp. Use
   - o Air quality (measurements): Doug Eisinger, Low-Cost Air Sensors and California Fires
   - o Exposure: Suriya Vallamsundar & Ann Xu (TTI), Health and Transportation Data Hub
   - o Health Impacts: Ray Minjares (ICCT), Global Health Impacts of the Transport Sector
   - o Mitigation: Victoria Martinez (FHWA), Vegetative Buffers for Near Road Mitigation

   10 minute meeting break

7. Website management update; Mike Claggett (FHWA) (5 min.)
   o Status of current website
   o Planned updates

8. Report on sessions and workshops sponsored by ADC20 this year (Doug, 5 min.)

9. TRB webinar report: Kevin Black (FHWA) (5 min.)

10. Case Study 1, Denver: Michael Ogletree (City & County of Denver) (15 min.)
    o *Denver's $1M Bloomberg Grant: Low-Cost Air Sensors, Smart Cities, & Near-Road Pollution*

11. Case Study 2, San Francisco: Joe Castiglione (SF County Transp. Authority) (15 min.)
    o *TNCs and Congestion in San Francisco*

12. Case Study 3, New York City: Dawn Miller (NYC Taxi & Limousine Commission) (15 min.)
    o *TNC License Cap in NYC*

13. Case studies discussion: Research Needs & Other Implications, Denver, SF, NYC (10 min.)

14. Research subcommittee report: Marianne, Alex Bigazzi (Univ. of British Columbia), Greg Rowangould (Univ. of New Mexico): 20 minutes
    o 2018 paper review process results
    o Expansion of subcommittee membership and research needs statement development
    o 2019 *Call for Papers*
        o Topics and discussion
        o Interactive poll to get feedback (*meeting attendees via smart phone*)

15. TRB info sharing; Christy Gerencher (Sr. Program Officer, TRB) (5 min.)

16. Information sharing about related TRB committees and/or other items (all, 10 min.)
    o Announcements from the committee
    o Announcements from the audience

17. Review of ADC20 volunteer roles and appreciations for work in 2018 (Doug, 5 min.)

18. Adjourn (by 6:00 pm)