

Meeting Minutes
TRB Environmental Impacts of Aviation – Sustainability Subcommittee (AV030(1))
Monday, January 14, 2008, 10:15 AM – 12:00 PM
Washington, DC

Participants:

Burr Stewart, Port of Seattle	Peter Muller, PRT Consulting
Jessica Steinhilber, ACI-NA	Thomas Klin, CH2M Hill
Steven Davis-Mendelow, Bombardier	Suzanne Geckle, CH2M Hill
David Bell, Aviation & Environment News	Janell Barrilleaux, DIA
Jane Ahrens, Gresham Smith and Partners	Sarah Townsend, VHB
Karen Scott, Louisville Regional Airport Authority	Cheryl Koshuta, Consultant
Darcy Zarubiak, Jacobs Consultancy	Gene Peters, Ricondo & Associates
Stephen Earsom, DOT-FHWA	Andrew Sharp, IART
Judith Patterson, Concordia University	Mary Ellen Eagan, HMMH
Shirley Loveless, Coleshill Associates	Suzanne Berman, MWH
Jennifer Salerno, Booz Allen Hamilton	Mike McNerney, DMJM Aviation
Charnelle Hicks, CH Planning/APA	Katherine Andrus, ATA
Geoffrey Gosling, Aviation System Consulting	Gail Staba, TRB
Natalia Sizov, Wyle	Claire Felbinger, JITA
Jeremy Foster, CRA International	Megan Smirti, UC-Berkeley
John Putnam, Kaplan, Kirsch & Rockwell	Sherry Kamke, US EPA Region 5
Mary Vigilante, Synergy Consultants	Kristi McKenney, Port of Oakland
Ray Stokes, Burgess & Niple	Clara Yuan, MIT

1. Introductions – Burr Stewart, Chair

Burr welcomed participants to the meeting and provided background on the establishment of the subcommittee. The spotlight theme of next year's Annual Meeting will be focused on climate change and energy. If the subcommittee is active enough, it may eventually become a full committee. The subcommittee also needs to reach out to other related TRB committees. Participants introduced themselves.

2. Review agenda and previous minutes – All

The agenda and previous minutes were accepted.

3. Sub-committee work program updates:

a. *Sunday Workshop Outcomes* – Darcy Zarubiak

3.5 hour workshop held Sunday afternoon. Several expert presenters participated, and it was well received and attended. There may have been a need for more discussion time. It can be difficult to appeal to those in different stages of sustainability. The topic is also very broad. The logistics of the room were not conducive to a “workshop” format. Some visuals on the subcommittee's website may be helpful. Presentations will be made available on the website.

b. *ACRP Synthesis Project on Airport Sustainability* – Gail Staba

Soon to be released (Spring 2008) report documents survey and literature review of airport sustainability practices. Focuses on environmental, economic, social aspects.

Existing drivers include regulation and airport policy. Future drivers expected to be climate change and stakeholder concerns.

- c. *Communications/Website* – Mary Ellen Eagan
Mary Ellen can no longer lead these activities as she becomes the new chair of AV030. Because the sustainableaviation.org website contains significant information, it may be best to just link to that website from the AV030 website. Jenn Salerno will work with Holland Young on text regarding the subcommittee.
- d. *Research Topics Database* – Brian Kim
Brian could not attend. The database is live and is being populated with research ideas. There needs to be a process for vetting topics. Topics may need to be submitted through the full AV030 Committee.
- e. *Graphics* – Burr Stewart, Jenn Salerno, Rose Agnew
A few ideas were developed last summer, but nothing has been finalized. Burr and Jenn will organize a conference call to discuss graphics.
- f. *Modeling & Economics* – Larry Gray
The experts in these areas are not always participating in this group. There is a tie to climate change as cap and trade programs are considered and developed. John Putnam will coordinate with Burr on this issue. This presents a good idea for a session next year, possibly regarding the impacts of cap and trade programs on developing countries. Suzanne Berman is interested in helping to organize this session. Possible overlap with Subcommittee on Sustainable Transportation Indicators (led by Todd Litman).
- g. *EMS/SMS/ISO 14001* – Darcy Zarubiak, Roger Johnson
Sustainability Management Systems now viewed separately from EMS (rather than as a nuance of EMS). Darcy would like to organize a conference call in the next month on this topic.
- h. *Membership/Recruitment & Issue Sign-ups* – All
Burr is continuing to add people to the mailing list. Ideas for recruiting other people/organizations are welcomed. Suggestions included engine and airframe manufacturers, ATAG.

4. Official TRB Business - Christine Gerencher, TRB Staff Liaison

Christy distributed a newsletter for all the TRB aviation committees. Participants were invited to attend the Aviation Caucus Monday evening. TRB experimenting with webinars and asking committees to think about topics that may be conducive to future webinars. They usually last about 1.5 hours. \$99 fee per site. New subcommittee of AV030 established last year that focuses on climate change. They will be meeting Tuesday afternoon.

Katherine Andrus/Mary Ellen Eagan, AV030 Chair: Spotlight theme for 2009 Annual Conference is Energy and Climate Change. Aviation needs to be involved. Technical Activities Group strategic plan includes goal of improving cross-mode coordination. TRB globalization initiative – includes planning and environment (but not aviation specifically).

Katherine will provide more information on the initiative when it is available. Call for papers expected in May with submittal deadline in August 1.

5. Other sub-committee business

- a. Potential ACRP project proposals for the next rounds of funding - John Pehrson
Feb announcement will request new research ideas due for submission in April. The oversight committee will meeting in July to select topics. Environmental topics have been well received by the oversight committee. Project panels for new projects will meet in August.
- b. List of key committees and organizations where liaisons are desired
 - i. AV030(2) subcommittee on climate change – John Putnam
- c. Volunteers for paper reviewers if needed – All
Suzanne Berman, Mary Vigilante, Gene Peters, Judith Patterson
- d. Mid-year meeting plans – Burr and Mary Ellen
To be held in conjunction with the AV030 mid-year meeting in Toronto on May 28-30, 2008.

6. 2009 TRB Session Topics and Calls for Papers – All

- Performance indicators for sustainability across the aviation industry. Managing sustainability like a project.
- Complementary relationship between aviation and high-speed rail, including identifying break-even points.
- Previous topic could be expanded to comparison of all modal choices (emissions/climate change). Life-cycle analysis and how far to reach. Metrics from life-cycle perspective. Holistic/broader/sustainability approach to modal comparisons.
- UCAR – climate change metrics.
- ACRP intermodal project may be far enough along to present.
- Environmental impacts of increased use of private jets
- How to bring alternative fuels to market in aviation.
- Regional rail as ground access to airports.
- Manufacturers' perspective to approaching energy efficiency.
- Surface transportation, PRT at Heathrow and environmental benefits.

7. Adjourn