

10TH NATIONAL AIRPORT SYSTEM PLANNING SYMPOSIUM

“21st Century Challenges in Aviation System Planning”

May 20-23, 2018

Lakefront Hotel

Anchorage, Alaska

CONFERENCE AGENDA

SUNDAY, MAY 20, 2018

8:30am - 12:30pm: TRB Committee on Airport System Planning (AV020) Mid-Year Meeting

Meeting Location: TBD

Dr. Jeffrey Borowiec, Research Scientist, Infrastructure Investment Analysis Program,
Texas A&M Transportation Institute

AV020 Committee Chair

Interested symposium attendees who are not already members or friends of the committee are invited to attend the committee meeting to discuss future committee activities.

12:30pm – 2:00pm: LUNCH ON YOUR OWN

2:00pm – 6:00pm: TRB Committee on Intergovernmental Relations in Aviation (AV010) Mid-Year Meeting

Meeting Location: TBD

Pamela Keidel-Adams, Regional Vice President, Kimley-Horn and Associates, Inc.

AV010 Committee Chair

Interested symposium attendees who are not already members or friends of the committee are invited to attend the committee meeting to discuss future committee activities.

6:00pm – 8:00pm WELCOME RECEPTION

Meeting Location: TBD

MONDAY, MAY 21, 2018

8:30am – 9:30am

Welcome & Symposium Overview

Meeting Location: TBD

Verne R. Skagerberg, MPA, Airport Planner, AK DOT&PF, Statewide Program Development, Southcoast Region.

10th National Aviation System Planning Symposium Chair

Key Note Speaker: TBD

9:30am – 10:45am

Plenary Session I: Impacts of Technological Evolution - System Planning Beyond the 20-year Planning Horizon

Meeting Location: TBD

Moderator: **Dr. Dave Byers**

Suggested Topics:

- **Effects of Transportation Automation (autonomous vehicles, remote ATCT, etc.)**
- **NextGen: Gaps of the Future, what will we still need?**
- **Effect of UAS/Drones on System Planning**
- **Spaceports in the Aviation System Plan**

Panelists:

10:45am – 11:00am: BREAK

11:00am – 12:15pm

Plenary Session II: The Changing Environment: Demographics, Demand, and Financing

Meeting Location: TBD

Moderator: **Pamela Keidel-Adams**

Suggested Topics:

- **The Big Picture – Trends in Demographics**
- **Realistic Forecasting: Defining the TAF**
- **Privatization and Innovative Financing**

Panelists:

12:15pm – 1:30pm: LUNCHEON

Meeting Location: TBD

Luncheon Address/Speaker: TBD

Suggested speaker type: Alaskan Legendary Bush Pilot(s)

1:45pm – 3:00pm

Plenary Session III: “North to the Future”: System Planning in Alaska

(“North to the Future” is Alaska’s official State Motto!)

Meeting Location: TBD

Moderator: **Leah R. Henderson**

Suggested Topics:

- **The Alaska State Aviation System Plan, A Case Study**
- **Cargo System Planning - How ANC has Become a Major Cargo Hub and How it Works within the System Plan**
- **Alaska’s role in international system plan(s)**

Panelists:

3:00pm – 3:15pm: BREAK

3:15pm – 4:30pm

Concurrent Session A1 – “State of the States”: Examples of System Planning Best Practices from Various States

Meeting Location: TBD

Moderator: **Jim Halley**

Suggested Topics:

- **Minnesota State System Planning**
- **North Carolina/South Carolina State System Planning**
- **Florida State System Planning**
- **Kentucky**
- **Other States?**

Panelists:

- **Stephanie Ward**
- **Rylan Juran**

3:15pm – 4:30pm

Concurrent Session A2 – “Going Abroad”: International System Planning

Meeting Location: TBD

Moderator: **Fin Bonset**

Suggested Topics:

- **Role of State Systems in International Systems**
- **Specific International System Plans, i.e. different countries**
- **Neighboring Countries Canadian/Mexican Integration?**

Panelists:

6:00pm: NIGHT EVENT

TUESDAY, MAY 22, 2018

8:30am – 9:50am

Plenary Session IV: Think Big Picture! - Integrating Aviation System Planning into the Larger Land Use and Transportation Planning Processes – Best Practices

Meeting Location: TBD

Moderator: **Mihir Shah**

Suggested Topics:

- **The Role of Aviation System Plans in Larger Transportation System Plans**
- **Experience in Coordinating with Other Modes of Transportation**
- **Working with, and Integration in, MPOs**
- **Linking Community Visions and Land Use to Transportation Decision Making**

Panelists:

- **Jim Halley**

9:50am – 10:00am: BREAK

10:00am – 11:15am

Plenary Session V: Trending Trends: Incorporating the Latest Best Practices Related to Safety, Security, and Resiliency into System Planning

Meeting Location: TBD

Moderator: **Dr. Richmond Nettey**

Suggested Topics:

- **Sustainability/Resiliency Planning in a System**
- **Cybersecurity Measures within the System Plan**
- **SMS Integration within System Planning**

Panelists:

11:15am – 11:30am: BREAK

11:30am – 12:45pm

Concurrent Session B1: The Changing Aviation System – New Users, New Challenges.

Meeting Location: TBD

Moderator: **Michael Wells**

Suggested Topics:

- **Who are the New Stakeholders on the Scene? Understanding New Players (i.e. Amazon, Tesla, large manufacturers, Uber etc.)?**
- **What are today's and tomorrow's challenges/barriers to planning?**
- **Open Mic Session, Audience Views of what is and what will be Changing?**

Panelists:

11:30am – 12:45pm

Concurrent Session B2: Feeding the Beast – Measuring Capacity and Defining Key Metrics

Meeting Location: TBD

Moderator: **Geoff Gosling**

Suggested Topics:

- **Big Data, how can it be Tamed? (Data Mining)**
- **Airport and System Performance Metrics, KPIs that Make Sense**
- **Defining Airport Capacity, a Review of the Latest Advisory Circular (FAA)**

Panelists:

12:45pm – 2:00pm: LUNCH with Poster Session

2:00pm – 3:15pm

Concurrent Session C1: “Key Stakeholders” – The Vitality of General Aviation in the System

Meeting Location: TBD

Moderator: **Yasmina Platt**

Suggested Topics:

- **Airstrip Network(s) – AOPA**
- **The Role of Private Aviation and General Aviation in the Future, a Review of the next 50 years (Trends in manufacturing, etc.)**
- **Mixing GA with Commercial Operations within NextGen**

Panelists:

2:00pm – 3:15pm

Concurrent Session C2: The System Planning Process, an Outward Look: Improving Outreach and Coordination with Stakeholders

Meeting Location: TBD

Moderator: **Laurie Cullen**

Suggested Topics:

- **Best Practices for Stakeholder Outreach for System Planning**
 - **Trends in new outreach methods, social media, etc.**
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3:15pm – 3:30pm: BREAK

3:30pm – 4:45pm CONFERENCE SYNTHESIS:

Goal: *To foster a discussion of lessons learned from the conference and summarize key points and discussions that will further aviation system planning best practices as a whole in the 21st century.*

Meeting Location: TBD

Moderator: **Verne Skagerberg**

Topic 1: The FAA's 10-Year Research Plan for Planning and Environmental – A Review

Panelist: **Kent Duffy**

Topic 2: Review of Sessions by Young Professionals and Group Workshop/Consensus Session on New Research Needs Related to Topics of the Day

Panelist: **Zach DeVeau**

Topic 3: Closing Remarks Day 2

Panelists: **Jeff Borowiec**

4:45pm: **ADJOURN**

WEDNESDAY, MAY 23, 2018

8:30am – 11:00am

AV020 - Overall Conference Synthesis and Research Gaps Workshop:

Focus: Reviewing Results and Ideas of overall conference to generate future research topics for TRB/ACRP programming.

Moderators: **Laurie Cullen and Verne Skagerberg**

Meeting Location: TBD