

## Get to Know the Transportation Research Board (TRB) Aviation Group Committees

### AVIATION ADMINISTRATION AND POLICY (AV010)

**Clayton Stambaugh**, Illinois Department of Transportation  
[Clayton.Stambaugh@illinois.gov](mailto:Clayton.Stambaugh@illinois.gov)

**Scope:** The committee is concerned with intergovernmental and cooperative aspects of administration and policy as it relates to the operation and development of the aviation industry, including governance participation and stakeholder involvement. See the [Triennial Strategic Plan](#) for more information.

### AVIATION SYSTEM PLANNING (AV020)

**Leah Whitfield**, The Aviation Planning Group  
[leah@Theaviationplanninggroup.com](mailto:leah@Theaviationplanninggroup.com)

**Scope:** The committee is focused on aviation planning activities at the local, regional, state, national, and global levels that take a systems approach to evaluating the interrelationships of aviation and airport infrastructure, as well as interactions with related and supporting infrastructure. The focus of the committee includes the relationships between aviation planning and other planning, policy, and regulatory processes. See the [Triennial Strategic Plan](#) for more information.

### ENVIRONMENTAL ISSUES IN AVIATION (AV030)

**Arlyn Purcell**, Port of Seattle  
[Purcell.Arlyn@portseattle.org](mailto:Purcell.Arlyn@portseattle.org)

**Scope:** The committee is concerned with current and emerging environmental and sustainability topics that are central to aviation planning, design, construction, operation, and maintenance. The Committee focuses on the reciprocal relationship between aviation and the environment and spans local to global issues, and the balance of environmental outcomes with community, economic, and operational outcomes. See the [Triennial Strategic Plan](#) for more information.

#### Subcommittees:

- (1) **Aviation Climate Change and Sustainability** [Carly Shannon, [carly@linxstrat.com](mailto:carly@linxstrat.com), and Kate Andrus, [KateAndrus@meadhunt.com](mailto:KateAndrus@meadhunt.com)]
- (2) **Aviation Water Resources** [Chris Zevitas, [chris.zevitas@dot.gov](mailto:chris.zevitas@dot.gov)]
- (3\*) **Aviation Air Quality** [Robbie Gross, [rgross@kbeny.com](mailto:rgross@kbeny.com)]
- (4\*) **Aircraft Noise** [Chris Hobbs, [christopher.m.hobbs@faa.gov](mailto:christopher.m.hobbs@faa.gov)]
- (5\*) **Sustainable Aviation Fuels** [Emily Newes, [emily.newes@nrel.gov](mailto:emily.newes@nrel.gov)]

### AVIATION ECONOMICS AND FORECASTING (AV040)

**Liyang Gu**, Airports Council International, North America  
[LGu@airportscouncil.org](mailto:LGu@airportscouncil.org)

**Scope:** This committee is concerned with all economic and financial issues in aviation relating to aircraft operators, airports and operating authorities, the aerospace community, air travelers and shippers, all levels of government and the general public, and related research conducted by academic institutions and other research organizations. These concerns include the development and application of improved methodologies for forecasting aviation demand and activity, and the relationship of forecasting to system decision-making. See the [Triennial Strategic Plan](#) for more information.

#### Subcommittees:

- (1) **Air Cargo** [Thomas Phillips, [tphillips.kpa@gmail.com](mailto:tphillips.kpa@gmail.com)]
- (2) **Helicopters** [Les Clark, [Les.Clark@outlook.com](mailto:Les.Clark@outlook.com)]
- (3) **Business Aviation** [Dean Roberts, [Dean.C.Roberts@Rolls-Royce.com](mailto:Dean.C.Roberts@Rolls-Royce.com)]
- (4) **Airlines** [John Heimlich, [jheimlich@airlines.org](mailto:jheimlich@airlines.org)]

### AIRPORT TERMINALS AND GROUND ACCESS (AV050)

**I. Richmond Nettey**, Kent State University  
[inettey@kent.edu](mailto:inettey@kent.edu)

**Scope:** The committee is concerned with the planning, design, operation, and maintenance of the airport landside, which encompasses the area between points where passengers and goods enter airports to points, including terminals, where they board and disembark aircraft. The landside includes systems conveying passengers and baggage between landside and airside terminal buildings. The committee is also concerned with the transportation of passengers between their local origin or destination, and the airport. See the [Triennial Strategic Plan](#) for more information.

### AIRFIELD AND AIRSPACE PERFORMANCE (AV060)

**YuYu Zhang**, University of South Florida  
[yuzhang@usf.edu](mailto:yuzhang@usf.edu)

**Scope:** This committee is concerned with the development, evaluation, and application of metrics and techniques for analyzing airfield and airspace performance and with emerging technologies, actions, and policies that influence system performance. See the [Triennial Strategic Plan](#) for more information.

### AIRCRAFT/AIRPORT COMPATIBILITY (AV070)

**Ernie Heymsfield**, University of Arkansas  
[ernie@uark.edu](mailto:ernie@uark.edu)

**Scope:** The committee is concerned with issues related to aircraft and their compatibility with airport airside areas, which include the regions that aircraft interface with during ground movements: airport aprons, taxiways, runways, and their environs. In addition, the committee is concerned with the use of and evaluating data from geographic information systems to support airside operations. See the [Triennial Strategic Plan](#) for more information.

#### Subcommittee:

- (1) **Airport Geospatial Data and Technologies**, [Tim Tiner, [tiner@aroraengineers.com](mailto:tiner@aroraengineers.com)]

### AVIATION SAFETY, SECURITY AND EMERGENCY MANAGEMENT (AV090)

**Gaël Le Bris**, WSP  
[gael.lebris@gmail.com](mailto:gael.lebris@gmail.com)

**Scope:** The committee is concerned with issues in commercial and general aviation safety, airport security, and emergency management involving planned and actual responses to safety incidents and accidents; criminal and terrorist activity; and man-made and natural disasters, including pandemic events, that may affect or be affected by aviation. See the [Triennial Strategic Plan](#) for more information.

- (1) **Aviation Safety** (Edwin Tait, [edwin.tait@dot.gov](mailto:edwin.tait@dot.gov))

### NEW USERS OF SHARED AIRSPACE (AV095)

**Daniel Friedenzohn**, Embry-Riddle Aeronautical University  
[FRIEDEND@erau.edu](mailto:FRIEDEND@erau.edu)

**Scope:** The committee is concerned with emerging and growing aviation applications such as commercial space operations, unmanned aircraft systems (UAS), and urban air mobility (UAM), as new participants in an already occupied airspace. The committee will address how the aviation ecosystem can support these emerging types of aerospace operations in harmony with the operations of established users in a safe and efficient manner. See the [Triennial Strategic Plan](#) for more information.

### AVIATION GROUP (AV000)

**Pam Keidel-Adams**, Kimley-Horn & Assoc., Inc.  
[pam.keidel-adams@kimley-horn.com](mailto:pam.keidel-adams@kimley-horn.com)

The Aviation Group consists of eight committees that propose research, share research findings, sponsor special activities, and provide a forum for transportation professionals to discuss today's and tomorrow's aviation-related transportation issues. The chairs of each of the committees are members of the Aviation Group Executive Board, who along with the group chair, provide general oversight of the activities within the Group.

- (1) **Young Members Council-Aviation** [Ryan Dittoe, [ryan.dittoe@meadhunt.com](mailto:ryan.dittoe@meadhunt.com)]
- (2) **International Members Council-Aviation** [Hazel Peace, [Hazel.Peace@jacobs.com](mailto:Hazel.Peace@jacobs.com)]
- (3) **Committee Research Coordinators Council-Aviation** [Laurie Cullen, [knip71665@hotmail.com](mailto:knip71665@hotmail.com)]
- (4) **Committee Communications Coordinators Council-Aviation** [Willie Brown, [wlbrown@umes.edu](mailto:wlbrown@umes.edu)]

For more information, contact Christine Gerencher,  
Senior Program Officer – Aviation and Environment  
Transportation Research Board, [cgerencher@nas.edu](mailto:cgerencher@nas.edu)

## ***What is the National Academies?***

The National Academies perform an unparalleled public service by bringing together committees of experts in all areas of scientific and technological endeavor. These experts serve pro bono to address critical national issues and give advice to the federal government and the public. Four organizations comprise the Academies: the National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine and the National Research Council. These non-profit organizations provide a public service by working outside the framework of government to ensure independent advice on matters of science, technology, and medicine.

## ***What is the Transportation Research Board?***

The mission of the Transportation Research Board (TRB)—one of seven major divisions of the National Research Council of the National Academies—is to promote innovation and progress in transportation through research. In an objective and interdisciplinary setting, the Board facilitates the sharing of information on transportation practice and policy by researchers and practitioners; stimulates research and offers research management services that promote technical excellence; provides expert advice on transportation policy and programs; and disseminates research results broadly and encourages their implementation.

## ***What are Standing Committees?***

TRB fulfills its mission through the work of standing committees and task forces, which are networks of professional individuals who share an interest in a particular transportation topic. With over 150 committees, most every transportation topic is represented in the standing committee structure. Each committee holds regular meetings, disseminates research findings, and most importantly provides a forum for industry practitioners to discuss the issues facing the transportation industry today.

## ***Why get involved?***

Serving on TRB committees provides an opportunity to contribute to the advancement of the state of the art and the state of the practice in transportation research and policy. Participants have included individuals from throughout the world with diverse backgrounds, including industry, academia, consulting, and public office. This broad representation gives transportation professionals a chance to contribute, to learn, to debate and to share in their passion for transportation. Most importantly, there are no costs or fees associated with participation—only the time you voluntarily contribute to the committee activities.

## ***How do I get involved in Standing Committees?***

- **Visit TRB's Website** to see the list of all committees, including their scope statements, links to committee maintained websites, and contact information for the committee chair and TRB staff representative. If you have difficulties in accessing the website, call TRB at 202-334-2934 and ask to speak to the staff representative in your area of interest.
- **Contact the committee chair** through email to learn of current activities in which you may wish to participate. Share with the chair a brief synopsis of your background and areas of expertise and let the chair know you are interested in active participation.
- **Create a MyTRB profile** at <http://MyTRB.org> and request to become a friend of a committee through the 'Committee' tab.
- **Participate in committee meetings**, which generally are open to anyone who wishes to attend. Don't be shy—introduce yourself to the chair, sign the attendance sheet to get on the email distribution list, and be sure to follow-up via email with the chair after the meeting.
- **Volunteer to serve** as a reviewer of research papers, to work on a committee project, or to give a presentation or preside at a session of the TRB annual meeting, webinar or a specialty conference.
- **Express your interest** in joining as a formal member of the committee at the first opportunity. While membership to a committee is a formal process, participation in committee activities is by no means limited to just members. Active participants who are not members are called "friends" of a committee. It is the active "friends" list that chairs look to when an opportunity for membership arises.

*For more information on TRB's Standing Committees, visit:*  
<http://www.trb.org/AboutTRB/StandingCommitteesMT.aspx>