

The Group is composed of committees addressing research and innovation related to aviation. The Group Executive Board coordinates the work of these committees.

AVIATION ADMINISTRATION AND PLANNING (AV011)

Scope: This committee is concerned with research and innovation related to cooperative aspects of aviation administration and planning activities at the local, regional, state, national and global levels. It includes governance participation and stakeholder involvement, and the relationships between aviation planning and other planning, policy, and regulatory processes.

AVIATION MARKET ECONOMICS AND ANALYSIS (AV012)

Scope: This committee is concerned with research and innovation related to economic and financial issues associated with aircraft operators, airports and operating authorities, the aerospace community, air travelers and shippers, all levels of government and the general public. 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.

AIRPORT LANDSIDE OPERATIONS AND PLANNING (AV013)

Scope: This committee is concerned with research and innovation related to the planning, design, operation, and maintenance of the airport landside encompassing the area between points where passengers and goods enter airports to points, including terminals, where they board and disembark aircraft. The committee is also concerned with the transportation of passengers between their local origin or destination, and the airport.

MANAGING AIRFIELD AND AIRSPACE OPERATIONS (AV014)

Scope: This committee is concerned with research and innovation related to the development, evaluation, and application of metrics, techniques and processes for managing airfield and airspace operations. This will include analyzing the existing system and how new applications such as commercial space operations, uncrewed aircraft systems (UAS), and advanced air mobility (AAM) can be accommodated in a safe and efficient manner.

AIRCRAFT COMPATIBILITY WITH AIRPORT INFRASTRUCTURE (AV016)

Scope: This committee is concerned with research and innovation 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.

SAFETY AND SECURITY CONSIDERATIONS IN AVIATION (AV017)

Scope: This committee is concerned with research and innovation related to commercial and general aviation safety, airport security, and emergency management that includes planned and actual responses to safety incidents and accidents; criminal and terrorist activity; and human-caused and natural disasters that may affect or be affected by aviation.

For more information, contact Christine Gerencher, Senior Program Officer, cgerencher@nas.edu

This file saved to <http://bit.ly/TRBAviationCmtes>

What is the National Academies?

The National Academies of Sciences, Engineering, and Medicine provide independent, objective advice to inform policy with evidence, spark progress and innovation, and confront challenging issues for the benefit of society. The work of the private, nonprofit National Academies is grounded in the expertise of our three academies — the National Academy of Sciences (NAS), National Academy of Engineering (NAE), and National Academy of Medicine (NAM). Most of this work is conducted through seven major program areas of the National Academies.

What is the Transportation Research Board?

The mission of the Transportation Research Board (TRB)—one of seven major program areas to 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>