



## TRB Snap Search: Planning & Forecasting

### TRB's involvement in research on Planning & Forecasting from 2018-2019

The [Transportation Research Board \(TRB\)](#) provides innovative, research-based solutions to improve how we move. TRB is part of the National Academies of Sciences, Engineering, and Medicine, an independent, non-profit institution that provides objective advice on scientific, engineering, and medical issues.

A resource to the nation and to the transportation community worldwide, TRB provides an extensive portfolio of services:

- Opportunities for information exchange on current transportation research and practice
- Management of cooperative research and other research programs
- Analyses of national transportation policy issues and guidance on federal and other research programs
- Publications and access to research information from around the world

### TRB Research

**TRID** – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation

- Click here to view [search results](#) on TRB published research and projects on Planning & Forecasting within the past year.

### Subject Webpage

- [Planning & Forecasting Research at TRB](#)

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Impacts on Practice](#) - Preparing for the Big Game in 2018 with the Minneapolis-St. Paul Metropolitan Airports Commission
  - [Report 190](#) - Common Performance Metrics for Airport Infrastructure and Operational Planning
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [Project 08-36/Task 120](#) - Snapshots of Planning Practices
  - [Report 893](#) - Systemic Pedestrian Safety Analysis
  - [Synthesis 527](#) - Resilience in Transportation Planning, Engineering, Management, Policy, and Administration
  - [Synthesis 520](#) - Integrated Transportation and Land Use Models
- [Transportation Research Circulars](#)
  - [E-Circular 233](#) - Applying Census Data for Transportation
  - [E-Circular 231](#) - U.S. Department of Transportation's Mobility on Demand Initiative

### Current & Upcoming Projects

- [Current Projects](#)
  - [ACRP 01-35](#) - Transportation Network Companies (TNCs): Impacts to Airport Revenues and Operations
  - [ACRP 01-36](#) - Guidebook for Developing State Aviation System Plans
  - [ACRP 01-37](#) - Performance Measures for State Aviation Agencies
  - [ACRP 03-44](#) - Building and Maintaining Air Service Through Incentive Programs
  - [ACRP 03-46](#) - Implementing Airport Privatization: Guidance for Airport Decision Makers
  - [ACRP 03-47](#) - Rethinking Airport Parking Facilities to Protect and Enhance Non-Aeronautical Revenue
  - [ACRP 10-26](#) - Airport Micro-grid Implementation Toolkit
  - [ACRP 11-01/Topic 10-02](#) - Legal Issues Relating to Large Scale Airport Construction Projects
  - [ACRP 11-02/Task 32](#) - Airport Environmental Research Roadmap
  - [ACRP 11-02/Task 33](#) - Research Roadmap on Policy and Planning Issues
  - [ACRP Synthesis 11-03/Topic S04-19](#) - Incorporating ADA and Functional Needs in Emergency Exercises
  - [ACRP Synthesis 11-03/Topic S03-14](#) - Simulation Options for Airport Planning
  - [NCHRP 03-128](#) - Business Intelligence Techniques for Transportation Agency Decision Making
  - [NCHRP 08-108](#) - Developing National Performance Management Data Strategies to Address Data Gaps, Standards, and Quality

- [NCHRP 08-109](#) - Updating the AASHTO Transportation Asset Management Guide—A Focus on Implementation, Phase 1
- [NCHRP 08-110](#) - Traffic Forecasting Accuracy Assessment Research
- [NCHRP 08-111](#) - Effective Decision-Making Methods for Freight-Efficient Land Use
- [NCHRP 08-112](#) - A Guidebook for Implementing Alternative Technical Concepts into Project Delivery Methods
- [NCHRP 08-117](#) - Impact of Transformational Technologies on Land Use and Transportation
- [NCHRP 10-101](#) - Improving Mid-Term, Intermediate, and Long-Range Cost Forecasting: Guidance for State Departments of Transportation
- [NCHRP 17-81](#) - Proposed Macro-Level Safety Planning Analysis Chapter for the Highway Safety Manual
- [NCHRP 17-82](#) - Proposed Guidance for Fixed Objects in the Roadside Design Guide
- [NCHRP 17-89A](#) - HOV/HOT Freeway Crash Prediction Method for the Highway Safety Manual
- [NCHRP 19-14](#) - Right-Sizing Transportation Investments--Methods for Planning and Programming
- [NCHRP 20-07/Task 408](#) - Transportation System Management and Operations (TSMO) Workforce: Skills, Positions, Recruitment, Retention, and Career Development
- [NCHRP 20-44\(02\)](#) - Implementation of the AASHTO Guide for Enterprise Risk Management
- [NCHRP 20-102\(11\)](#) - Mobility-on-Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
- [NCHRP 20-102](#) - Impacts of Connected Vehicles and Automated Vehicles on State and Local Transportation Agencies--Task-Order Support
- [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
- [NCHRP 25-25/Task 108](#) - Creating Lookup Tables to Streamline the Determination of Emission Reductions for CMAQ Projects
- [NCHRP 25-25/Task 114](#) - Integrating Tribal Knowledge into Processes to Identify, Evaluate, and Record Cultural Resources
- [NCHRP 25-25/Task 115](#) - Estimates of Emissions Reductions from Future Fleet Changes for Use in Air Quality
- [NCHRP 26-56](#) - Methods for State DOTs to Reduce Greenhouse Gas Emissions from the Transportation Sector
- [NCHRP Synthesis 20-05/Topic 49-14](#) - Methods to Acquire Proprietary Data for Transportation Applications
- [NCHRP Synthesis 20-05/Topic 49-11](#) - Practice for Online Public Involvement
- [Safety IDEA Project 34](#) - Prototype System for Managing Enterprise Rail Transport Risk for Hazmat
- [TCRP H-54](#) - Guide to Equity Analysis in Regional Transportation Planning Processes
- [TCRP J-11/Task 29](#) - Strategic Communications to Improve Support for Transit-Priority Projects
- [TCRP Synthesis J-07/Topic SA-44](#) - Comprehensive Bus Network Redesign
- [TCRP Synthesis J-07/Topic SB-30](#) - Current Practices in Providing Demand-Response Transit
- [Upcoming Projects](#)
  - [ACRP 01-36](#) - Advancing the Practice of State Aviation System Planning
  - [ACRP 03-49](#) - Effective Collaboration to Plan and Respond to Communicable Disease Threats
  - [ACRP 03-50](#) - An Airport-Centric Study of the Urban Air Mobility Market
  - [ACRP 03-51](#) - Electric Aircraft on the Horizon -- An Airport Planning Perspective
  - [ACRP Synthesis 11-03/Topic S04-24](#) - Airport Practices in Airport Emergency Plans
  - [NCHRP 02-27](#) - Making Targets Matter: Managing Performance to Enhance Decision-Making
  - [NCHRP 08-113](#) - Integrating Effective Transportation Performance, Risk, and Asset Management Practices
  - [NCHRP 08-118](#) - Risk Assessment Techniques for Transportation Asset Management
  - [NCHRP 08-119](#) - Developing Data Standards and Guidance for Transportation Planning and Traffic Operations - Phase 1
  - [NCHRP 08-120](#) - Initiating the Systems Engineering Process for Rural Connected Vehicle Corridors
  - [NCHRP 08-121](#) - Accessibility Measures in Practice: Guidance for Transportation Agencies
  - [NCHRP 08-122](#) - Metropolitan Planning Organizations: Transportation Partnerships for the 21st Century
  - [NCHRP 17-91](#) - Assessing the Impacts of Automated Driving Systems (ADS) on the Future of Transportation Safety
  - [NCHRP 20-125](#) - Strategies for Incorporating Resilience into Transportation Networks
  - [NCHRP 20-24\(119\)](#) - Strategic Research in Support of the Connected and Automated Vehicle Executive Leadership Team
  - [NCHRP 20-59\(56\)](#) - Support for State DOT Transportation Systems Resilience and All-Hazards Programs
  - [NCHRP 20-65/Task 81](#) - Best Practices in Rural Service Assessment
  - [NCHRP 20-65/Task 82](#) - Issues Associated with Providing Customized, Client-Based Transportation Services
  - Models
  - [TCRP A-43](#) - Recent Decline in Public Transportation Ridership: Analysis, Causes, Responses
  - [TCRP H-56](#) - Reinventing Transit Networks for a New Mobility Future

#### Reports from the [National Academies Press](#) on Planning & Forecasting

- [Learning from the Science of Cognition and Perception for Decision Making](#)

- [Engaging the Private Sector and Developing Partnerships to Advance Health and the Sustainable Development Goals: Proceedings of a Workshop Series](#)

## Committees & Panels

[Sign-up to be a committee "Friend"](#)

**TRB Standing Committees** – Search by transportation mode and committee topic

- [AD000](#) - Planning and Environment Group
- [ADA00](#) - Transportation System Policy, Planning and Process
- [ADA10](#) - Statewide Multimodal Transportation Planning
- [ADA20](#) - Metropolitan Policy, Planning, and Processes
- [ADA30](#) - Transportation Planning for Small and Medium-Sized Communities
- [ADA40](#) - Transportation Needs of National Parks and Public Lands
- [ADA50](#) - Transportation Programming and Investment Decision-Making
- [ADA60](#) - Public Involvement in Transportation
- [ADB00](#) - Travel Analysis Methods
- [ADB10](#) - Traveler Behavior and Values
- [ADB20](#) - Effects of Information and Communication Technologies (ICT) on Travel Choices
- [ADB30](#) - Transportation Network Modeling
- [ADB40](#) - Transportation Demand Forecasting
- [ADB45](#) - Travel Forecasting Resources
- [ADB50](#) - Transportation Planning Applications
- [ADD30](#) - Transportation and Land Development
- [AP025](#) - Public Transportation Planning and Development
- [AT015](#) - Freight Transportation Planning and Logistics
- [AV020](#) - Aviation System Planning
- [AV040](#) - Aviation Economics and Forecasting
- [AV080](#) - Light Commercial and General Aviation

**Task Forces** - Search for *task force* under committee here

- [A0020T](#) – Climate Change and Energy

### CRP Panels

- [Project Panels Related to Planning and Forecasting](#)

### Councils

- [A0040T](#) – Young Member Council

## Recent and Upcoming Events

[Upcoming Conferences](#)- Left hand menu “upcoming conferences by topic”  
(*Conferences cosponsored by TRB are denoted with an asterisk.*)

### [Innovations in Freight Data Workshop](#)

*April 9, 2019*

**Irvine, California**

### [17th National Transportation Planning Applications Conference](#)

*June 2-5, 2019*

**Portland, Oregon**

### [6th International Conference on Women’s Issues in Transportation \(WiiT 2019\)](#)

*September 10-13, 2019*

**Irvine, California**

### [Conference on Performance and Data in Transportation Decision Making](#)

*September 15-18, 2019*

**Atlanta, Georgia**

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

[Past Webinars](#)

- [Planning & Forecasting Sessions](#)

## TRB's Transportation Research Information Services (TRIS)

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available free on TRB's website.

The TRB Library provides information services to TRB staff, sponsors, TRB Committee members and panels and researchers. Access to the TRB Library is a benefit to TRB sponsors and TRB committee members.

In cooperation with your State DOT Library or Information Service, the TRB Library provides:

- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

The TRB Library provides training on effective and efficient use of the following TRIS resources:

**TRID** – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation - [trid.trb.org](http://trid.trb.org)

**Practice Ready Papers (PRP) Database** - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - [prp.trb.org](http://prp.trb.org)

**Publications Index (PubsIndex) Database** – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board - [pubsindex.trb.org](http://pubsindex.trb.org)

**Research in Progress (RiP) Database** – Current or recently completed transportation research projects - [rip.trb.org](http://rip.trb.org)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees - [rns.trb.org](http://rns.trb.org)

Contact the Library at [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu) or 1 (202) 334-2989