TRB Snap Search: Research

TRB’s involvement in research on Research from 2020-2021

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

All available Snap Searches can be accessed online here: [http://www.trb.org/InformationServices/Snap.aspx](http://www.trb.org/InformationServices/Snap.aspx)

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 on Research Activities within the past year.

Subject Webpage

- [Research Activities at TRB](http://www.trb.org/InformationServices/Snap.aspx)

Specialty Report

- [The Transportation Research Board, 1920-2020: Everyone Interested is Invited](http://www.trb.org/InformationServices/Snap.aspx)
- [Critical Issues in Transportation 2019](http://www.trb.org/InformationServices/Snap.aspx)

Recent Reports & Publications

- [Airport Cooperative Research Program (ACRP)](http://www.trb.org/InformationServices/Snap.aspx)
  - [Web-Only Document 50](http://www.trb.org/InformationServices/Snap.aspx) - Research Roadmap on Safety Issues
  - [Web-Only Document 49](http://www.trb.org/InformationServices/Snap.aspx) - Research Roadmap on Airport Administration & Human Resource Issues
  - [Web-Only Document 45](http://www.trb.org/InformationServices/Snap.aspx) - Airport Environmental Research Roadmap Narrative Report

- [National Cooperative Highway Research Program (NCHRP)](http://www.trb.org/InformationServices/Snap.aspx)
  - [NCHRP 20-65/Task 75](http://www.trb.org/InformationServices/Snap.aspx) - Baseline Research on Allowable In-Kind and Local Match Sources
  - Departments of Transportation (DOTs) under NEPA
  - [Legal Research Digest 83](http://www.trb.org/InformationServices/Snap.aspx) - Guidelines for Drafting Liability Neutral Transportation Engineering Documents and Communication Strategies
  - [Report 936](http://www.trb.org/InformationServices/Snap.aspx) - A Guide to Ensure Access to the Results of Federally Funded Transportation Research
  - [Report 934](http://www.trb.org/InformationServices/Snap.aspx) - Traffic Forecasting Accuracy Assessment Research
  - [Report 932](http://www.trb.org/InformationServices/Snap.aspx) - A Research Roadmap for Transportation and Public Health Management
  - [Web-Only Document 282](http://www.trb.org/InformationServices/Snap.aspx) - Framework for Managing Data from Emerging Transportation Technologies to Support Decision-Making

- [Special Reports / Consensus Studies](http://www.trb.org/InformationServices/Snap.aspx)
  - [Report 334](http://www.trb.org/InformationServices/Snap.aspx) - Review of the Federal Railroad Administration’s Research and Development Program

- [Transportation Research Circulars](http://www.trb.org/InformationServices/Snap.aspx)
  - [E-Circular 267](http://www.trb.org/InformationServices/Snap.aspx) - Summary of Transportation Research Needs Related to COVID-19

Current & Upcoming Projects

- [Current Projects](http://www.trb.org/InformationServices/Snap.aspx)
  - [ACRP 11-02/Task 30](http://www.trb.org/InformationServices/Snap.aspx) - Research Roadmap in the Area of Design and Construction of Airport Facilities and Infrastructure
  - [ACRP 11-02/Task 36](http://www.trb.org/InformationServices/Snap.aspx) - Research Roadmap on Safety Issues
  - [ACRP 11-04](http://www.trb.org/InformationServices/Snap.aspx) - Graduate Research Award Program on Public-Sector Aviation Issues
  - [NCFRP 48](http://www.trb.org/InformationServices/Snap.aspx) - Freight Research to Support MAP-21 Implementation
• **Upcoming Projects**
  - ACRP Synthesis 11-03/Topic S09-09 - Automated Pavement Condition Survey Practices at Airports
  - NCHRP 17-96 - Traffic Safety Culture Research Roadmap
  - NCHRP 20-07/Task 368 - Development of a Roadmap for Use of SHRP2 Safety Data to Enhance Existing Publications
  - NCHRP 20-44(28) - Development of a Technology Transfer Plan for State Departments of Transportation Research Programs
  - NCHRP 20-65B - Research for the AASHTO Standing Committee on Public Transportation
  - NCHRP 20-113 - Research Roadmap for Transformational Technologies (other than CV/AV)
  - NCHRP 20-123(10) - AASHTO Committee on Bridges and Structures Strategic Plan, Operating Guidelines, and Research Roadmap Development
  - NCHRP 20-126 - Support for Critical Issues in Transportation and Commitment to the Future IHS
  - NCHRP 23-12 - Artificial Intelligence Opportunities for State and Local DOTs – A Research Roadmap
  - NCHRP 23-14 - Research Roadmap for Knowledge Management

**Reports from the National Academies Press on Research**
  - Enhancing Scientific Reproducibility in Biomedical Research Through Transparent Reporting
  - Measuring Alternative Work Arrangements for Research and Policy
  - Frontiers in Thermal Transport and Energy Conversion
  - 2019-2020 Assessment of the Army Research Laboratory
  - Assessment of the In-House Laboratory Independent Research at the Army's Research, Development, and Engineering Centers
  - Fostering the Culture of Convergence in Research
  - Evaluation of the Minerva Research Initiative

**Committees & Panels**

**Sign-up to be a committee "Friend"**

**TRB Standing Committees** – Search by transportation mode and committee topic
  - A0020C – International Coordinating Council
  - AJE35 – Research Innovation Implementation
  - AJE45 – Knowledge Management
Task Forces - Search for task force under committee here

Policy Study
- B0024 – Research and Technology Coordinating Committee (FHWA)
- B0085 – Transit Research Analysis Committee (TRAC)
- B0137 – Evaluation of the Federal Railroad Administration Research and Development Program
- B0156 – Review of Federal Highway Administration Infrastructure R&D
- B0159 – Marine Transportation System Research and Technology Conference
- B0161 – Federal Highway Administration Infrastructure R&D – Expert Task Group on Pavement
- B0162 – Federal Highway Administration Infrastructure R&D – Expert Task Group on Bridges
- B0166 – Federal Railroad Administration R&D Program

CRP Panels
- Project Panels Related to Research

Councils
- A001C – Young Members Coordinating Council

Recent and Upcoming Events

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

Advancing the Marine Transportation System through Automation and Autonomous Technologies: Trends, Applications and Challenges
March 15, 2021
Washington, DC

TRB Conference on Planning Applications
June 21, 2021
Online

Webinars – View upcoming webinars, suggest a webinar or add registration information

Past Webinars
- Research

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:

- Transportation Research International Documentation (TRID) – trid.trb.org - The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- Transportation Research Thesaurus (TRT) – trt.trb.org - A tool to improve the indexing and retrieval of transportation information.
- Research in Progress (RiP) Database – rip.trb.org - Current or recently completed transportation research projects
- Research Needs Statements (RNS) – rns.trb.org - Research needs as identified by TRB Technical Activities standing committees
- Publications Index (PubsIndex) Database – pubsindex.trb.org - The papers, articles and reports published by the Transportation Research Board, Strategic Highway Research Programs or the Marine Board

Contact or Questions: TRBLibrary@nas.edu