TRB Snap Search: Research

TRB's involvement in research on Research from 2019-2020

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

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

Specialty Report

- The Transportation Research Board, 1920-2020: Everyone Interested is Invited
- Critical Issues in Transportation 2019

Recent Reports & Publications

- Airport Cooperative Research Program (ACRP)
  - Web-Only Document 40 - Airport Design and Construction Narrative Research Roadmap

- Conference Proceedings
  - Proceedings 56 - Socioeconomic Impacts of Automated and Connected Vehicles

- National Cooperative Highway Research Program (NCHRP)
  - NCHRP 20-65/Task 75 - Baseline Research on Allowable In-Kind and Local Match Sources
  - NCHRP 20-111J - Successful Practices for State Transportation Research Office's Compliance with 2 CFR 200
  - NCHRP 25-25/Task 103 - Research and Report on the Administration of Categorical Exclusions by State Departments of Transportation (DOTs) under NEPA
  - Report 936 - A Guide to Ensure Access to the Results of Federally Funded Transportation Research
  - Report 934 - Traffic Forecasting Accuracy Assessment Research
  - Report 932 - A Research Roadmap for Transportation and Public Health Management
  - Report 903 - Geotechnical Asset Management for Transportation Agencies, Volume 1: Research Overview
  - Synthesis 541 - Practices on Acquiring Proprietary Data for Transportation Applications
  - Synthesis 531 - Automated Pavement Condition Surveys
  - Synthesis 522 - Managing State Transportation Research Programs

- Special Reports
  - Report 331 - The Vital Federal Role in Meeting the Highway Innovation Imperative
  - Report 328 - Research to Support Evaluation of Truck Size and Weight Regulations

- Transit Cooperative Research Program (TCRP)
  - Program - Innovation in Action: Accomplishments of the Transit IDEA (Innovations Deserving Exploratory Analysis) Program
  - Letter Report - Transit Research Analysis Committee - April 22, 2019

Updated 06/25/2020
- **Transportation Research Circulars**
  - E-Circular 253 - Transformational Technologies in Transportation: Impacts on Traditional Research Processes and Programs
  - E-Circular 250 - Drug-Impaired Driving: Research Needs

**Current & Upcoming Projects**

- **Current Projects**
  - ACRP 02-84 - High Resolution Spatiotemporal Population Distribution Data and Modeling for Aviation Noise Research Studies
  - ACRP 11-02/Task 30 - Research Roadmap in the Area of Design and Construction of Airport Facilities and Infrastructure
  - ACRP 11-02/Task 32 - Airport Environmental Research Roadmap
  - ACRP 11-02/Task 35 - Research Roadmap on Administration & Human Resource Issues
  - ACRP 11-02/Task 36 - Research Roadmap on Safety Issues
  - ACRP 11-04 - Graduate Research Award Program on Public-Sector Aviation Issues
  - NCFRP 48 - Freight Research to Support MAP-21 Implementation
  - NCHRP 08-36C - Research for the AASHTO Standing Committee on Planning
  - NCHRP 20-06/Topic 24-03 - Guidelines for Drafting Liability Neutral Transportation Engineering Documents
  - NCHRP 20-07 - Research for AASHTO Standing Committee on Highways
  - NCHRP 20-24B - Research Supporting the NCHRP Project Panel on Administration of Highway and Transportation Agencies
  - NCHRP 20-44(21) - Synthesis of State Peer Exchanges and RPPM
  - NCHRP 20-44 - Moving Research into Practice
  - NCHRP 20-44(09) - Quantitative and Qualitative Methods for Capturing the Impacts and Value of NCHRP Research
  - NCHRP 20-59 - Surface Transportation Security and Resilience Research
  - NCHRP 20-59(54) - Transportation System Resilience: Research Roadmap and White Papers
  - NCHRP 20-63B - Performance Measurement Tool Box and Reporting System for Research Programs and Projects
  - NCHRP 20-65 - Research for the AASHTO Standing Committee on Public Transportation
  - NCHRP 20-102(19) - Update AASHTO's Connected Vehicle/Automated Vehicle Research Roadmap
  - NCHRP 20-105B - Development of Course Outlines for Ahead of the Curve Training Program: Mastering the Management of Transportation Research
  - NCHRP 20-109 - Enhancement of the Transportation Research Thesaurus
  - NCHRP 20-122 - Rural Transportation Issues: Research Roadmap
  - NCHRP 20-123 - Support for AASHTO Committees and Councils
  - NCHRP 20-123(01) - Transportation Asset Management Strategic Planning and Research Roadmap Development
  - NCHRP 20-123(02) - Research Roadmap for the AASHTO Council on Active Transportation
  - NCHRP 20-123(11) - High-Value Research Marketing and Communications for 2020
  - NCHRP 25-25B - Research for the AASHTO Standing Committee on the Environment
  - TCRP D-07 - Joint Rail Transit Research with the Association of American Railroads/Transportation Technology Center, Inc.
  - TCRP J-01 - Dissemination and Implementation of TCRP Research Findings
  - TCRP J-11 - Quick-Response Research on Long-Term Strategic Issues
  - TFPE 00 - Evaluations of FHWA Research & Technology Program Projects

- **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 20-44(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 20-102(19)B - Updated Research Roadmap for NCHRP 20-102, Impacts of Connected Vehicles and Automated Vehicles on State and Local Transportation Agencies
  - NCHRP 20-113 - Research Roadmap -- Transformational Technologies (other than CV/AV)
  - NCHRP 20-113P - Topical White Papers for the TRB Forum on Automated Vehicles and Shared Mobility
  - NCHRP 20-126 - Support for Critical Issues in Transportation and Commitment to the Future IHS
  - NCHRP 20-123(04) - Development of a Risk Management Strategic Plan and a Research Roadmap
  - 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**

- Fostering the Culture of Convergence in Research
Committees & Panels

Sign-up to be a committee "Friend"

**TRB Standing Committees** – Search by transportation mode and committee topic
- A0020C – International Coordinating Council
- A1E35 – Research Innovation Implementation
- A1E45 – Knowledge Management
- AT060 – Trucking Industry Research

**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

Counsels
- 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

**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:

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

Research Needs Statements (RNS) – Research needs as identified by TRB Technical Activities standing committees - rns.trb.org

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