TRB Snap Search: Transit Innovations

TRB's involvement in research on Transit Innovations from 2021-2023

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 Transit Innovations within the past two years.

**Specialty Report**

- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

**Recent Reports & Publications**

- [Airport Cooperative Research Program (ACRP)](#)
  - Report 241 - Toward a Touchless Airport Journey

- [Transit Cooperative Research Program (TCRP)](#)
  - IDEA Report 98 - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
  - IDEA Report 95 - Connected and Automated Parking Feasibility – A Pilot Study
  - IDEA Report 91 - Comprehensive Wayfinding for All (CWall)
  - Legal Research Digest 59 - Legal Issues and Emerging Technologies
  - Report 238 - Quantitative Procedures for Designing and Operating Ferry Services
  - Report 235 - Improving Access and Management of Public Transit ITS Data
  - Report 233 - Strategies for Deterring Trespassing on Rail Transit and Commuter Rail Rights-of-Way, Volume 2: Research Overview
  - Report 224 - Guide to Joint Development for Public Transportation Agencies
  - Report 219 - Guidebook for Deploying Zero-Emission Transit Buses
  - Synthesis 154 - Innovative Practices for Transit Planning at Small to Mid-Sized Agencies
  - Web-Only Document 73 - Guide to Joint Development for Public Transportation Agencies: Appendices

**Current & Upcoming Projects**

- [Current Projects](#)
  - NCHRP 20-65/Task 79 - Program Management Insights for the 5310 Program (Including Sub-Grantee Consolidation and Urban 5310)
  - NCHRP 20-65/Task 81 - Best Practices in Rural Service Assessment
  - NCHRP 20-123 - Support for AASHTO Committees and Councils
  - TCRP B-47 - Impact of Transformational Technologies on Underserved Populations
The Provision of Alternative Services by Transit Agencies: The Intersection of Regulation and Program

Accessible Public Bus and Rail Passenger Information for Riders with Vision Disabilities

Bus Operator Barrier Design

Detecting and Mitigating Low-Level DC Fault Currents in Transit Systems (Phase II TCRP Project D-17)


Practitioner’s Guide to Bus Operator Workforce Management

Navigating the Complexities of Sensitive Security Information (SSI) and Protected Critical Infrastructure Information (PCI)

Legal Issues in Transit Mega Projects—Case Studies

Liability Insurance Issues for Transit Lawyers: A Primer

Best Practices in Coordination of Public Transit and Ride Sharing

Best Practices in Determining Rural Transit Fleet Size – How to Provide Service for Changing Demographics of Rural Ridership (Right-sizing of Rural Transit Fleets)

Liability Insurance Issues for Transit Lawyers: A Primer

Upcoming Projects

Best Practices in Coordination of Public Transit and Ride Sharing

Best Practices in Determining Rural Transit Fleet Size – How to Provide Service for Changing Demographics of Rural Ridership (Right-sizing of Rural Transit Fleets)

Reports from the National Academies Press on Transit Innovations

Innovation, Global Value Chains, and Globalization Measurement

Human-Al Teaming: State-of-the-Art and Research Needs

Enhancing Federal Clean Energy Innovation

Learning from Rapid Response, Innovation, and Adaptation to the COVID-19 Crisis

Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic

Research Innovation Implementation Management

Emerging and Innovative Public Transport and Technologies

Public Transportation Planning and Development

Passenger Intermodal Facilities

Rail Transit Systems

Policy Studies

Transit Research Analysis Committee (TRAC)

CRP Panels

Rail Safety Innovations Deserving Exploratory Analysis (IDEA)

State DOT Innovation Programs and Practices

Planning for Innovation & Emerging Mobility Futures at Intermodal Passenger Facilities

Transit-innovations Deserving Exploratory Analysis (IDEA)

Councils

Young Members Coordinating Council

Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

Innovations in Travel Analysis and Planning Conference

June 4-6, 2023

Indianapolis, IN

Marine Transportation System Innovative Science and Technologies Toward Greater Sustainability

June 19-22, 2023

Washington, D.C.
Upcoming Events – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

Past Events - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

**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
- **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