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 for 2024 and Beyond](#)
- [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
• **Upcoming Projects**
  - TCRP F-28 - Practitioner’s Guide to Bus Operator Workforce Management
  - TCRP I-05/Topic 19-02 - Legal Issues and Emerging Technologies
  - TCRP I-05/Topic 19-03 - Navigating the Complexities of Sensitive Security Information (SSI) and Protected Critical Infrastructure Information (PCI)
  - TCRP I-05/Topic 20-01 - Legal Issues in Transit Mega Projects—Case Studies
  - Transit IDEA J-04/IDEA 97 - Open Platform to Attract, Organize, and Coordinate Volunteers for Rural and Small Urban Transit

**Reports from the National Academies Press on Transit Innovations**

- Innovation, Global Value Chains, and Globalization Measurement
- Human-AI 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
- AJE35 - Research Innovation Implementation Management
- AP020 - Emerging and Innovative Public Transport and Technologies
- AP025 - Public Transportation Planning and Development
- AP045 - Passenger Intermodal Facilities
- AP065 - Rail Transit Systems

**Policy Studies**
- B0085 - Transit Research Analysis Committee (TRAC)

**CRP Panels**
- E1008 - Rail Safety Innovations Deserving Exploratory Analysis (IDEA)
- SN5417 - State DOT Innovation Programs and Practices
- TD21 - Planning for Innovation & Emerging Mobility Futures at Intermodal Passenger Facilities
- TJ04 - Transit-innovations Deserving Exploratory Analysis (IDEA)

**Councils**
- A001C – 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