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**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 Resilience within the past year.

**Specialty Report**

- [Critical Issues in Transportation for 2024 and Beyond](http://www.trb.org/)
- [COVID-19 Addendum to Critical Issues in Transportation](http://www.trb.org/)
- [Racial Equity Addendum to Critical Issues in Transportation](http://www.trb.org/)

**Recent Reports & Publications**

- [Consensus Study Reports](http://www.trb.org/)
  - [Investing in Transportation Resilience: A Framework for Informed Choices](http://www.trb.org/)

- [National Cooperative Highway Research Program (NCHRP)](http://www.trb.org/)
  - [Report 1014](http://www.trb.org/): Developing a Highway Framework to Conduct an All-Hazards Risk and Resilience Analysis
  - [Synthesis 624](http://www.trb.org/): Addressing Climate Resilience and Greenhouse Gases in the Transportation Planning Process
  - [Synthesis Report 610](http://www.trb.org/): Leveraging Social Media Data for Emergency Preparedness and Response
  - [Synthesis Report 602](http://www.trb.org/): Resilient Design with Distributed Rainfall-Runoff Modeling
  - [Web-Only Document 378](http://www.trb.org/): Emergency Response: Organizational and Operational Models Used by State DOTs

- [Transportation Research Circulars](http://www.trb.org/)
  - [Circular 288](http://www.trb.org/): Innovations in Freight Data: 2023 Workshop
  - [Circular 285](http://www.trb.org/): Workshop on Building More Resilient Supply Chains
  - [Circular 277](http://www.trb.org/): 13th National Conference on Transportation Asset Management
  - [Circular 275](http://www.trb.org/): Measuring and Managing Freight System Resilience Workshop

- [Transit Cooperative Research Program (TCRP)](http://www.trb.org/)
  - [Web-Only Document 75](http://www.trb.org/): Command-Level Decision Making for Transportation Emergency Managers

**Recently Completed Projects/Pending Publication**

- [ACRP 11-02/Task 44](http://www.trb.org/): Developing an Airport Communicable Disease Response Plan Template
Current & Upcoming Projects

- Current Projects
  - ACRP 02-97 - Update to the Guidelines, Tools, and Resources Related to ACRP Reports 11, 147, and 160
  - ACRP 02-98 - Airport Energy Resiliency Primer and Roadmap
  - ACRP 03-60 - Incorporating Shock Events into Aviation Demand Forecasting and Airport Planning
  - ACRP 04-25 - Airports and Communicable Diseases—Preparedness and Response
  - ACRP 05-68 - Integration of Contingency Planning for Small Airports
  - ACRP Synthesis 11-03/Topic S10-20 - Identifying Military Resources and Strategies to Improve Civilian Airport Resiliency
  - NCHRP 01-62 - Impact of Flooding on the Resiliency of Pavement Systems
  - NCHRP 08-146 - Integrating Resiliency into Transportation System Operations
  - NCHRP 08-51 - Risk Management at State DOTs: Building Momentum and Sustaining the Practice
  - NCHRP 15-80 - Design Guide and Standards for Infrastructure Resilience
  - NCHRP 23-15(04) - Scoping Supply Chain Challenges and Solutions amid COVID-19
  - NCHRP 23-24 - Methods to Allow Agencies to Incorporate Quantitative Risk Assessment at Project and Network Level
  - NCHRP 23-26 - Measuring Impacts and Performance of State DOT Resilience Efforts
  - NCHRP 23-32 - Transportation Asset Risk and Resilience
  - NCHRP 25-64 - Considering Greenhouse Gas Emissions and Climate Change in Environmental Reviews: Resources for State DOTs
  - NCHRP Synthesis 20-05/Topic 55-17 - Practices to Enhance Resiliency of Existing Roadway and Embankment Culverts
  - TCRP Synthesis I-07/Topic SA-61 - State of Practice for Transit Recovery in the Aftermath of Severe Weather Events

- Upcoming Projects
  - ACRP 03-77 - Incorporating Climate Change into Aviation Forecasts
  - ACCRP 04-30 - Airport Emergency Management Capabilities Development
  - ACRP 07-27 - Seismic Resiliency for Horizontal Infrastructure at Airports
  - ACRP 11-08(24-02) - ACRP Insight Event — Improving Extreme Weather Resiliency of Airport Infrastructure
  - ACRP 11-08(24-03) - ACRP Insight Event – Airport Energy Resiliency
  - NCHRP 08-181 - Impacts of Climate Change and Extreme Weather on the Mobility of Socially Vulnerable Populations
  - NCHRP 15-61A - Hydrologic and Hydraulic Design Guide to Incorporate Climate Science in Transportation Infrastructure
  - NCHRP 19-26 - Modernizing Fuel Tax Revenue Forecasting
  - NCHRP 20-24(148) - Transportation Climate Adaptation through Asset Management Prioritization of Resilient Routes
  - NCHRP 20-44(41) - Deploying Transportation Resilience Practices in State DOTs: Implementation
  - NCHRP 20-44(44) - Implementing the Design Practices Guide for Applying Climate Change Information to Hydrologic and Coastal Design of Transportation Infrastructure
  - NCHRP 23-13(03) - Guide on Truck Rest and Service Areas for Critical Supply Chain Delivery
  - NCHRP 23-28 - Incorporating Risk Management into Roadway Infrastructure Maintenance Practices
  - NCHRP 23-33 - Managed Retreat to Address Extreme Weather, Natural Hazards, and Climate Impacts
  - NCHRP 24-52 - Guidelines for Resilient Erosion- and Sediment-Control Practices
  - NCHRP 25-70 - Evaluating Carbon Reduction in Project Selection and Planning
  - TCRP A-50 - Practical Considerations for Developing Transition Plans to Zero-Emission Fleets

Reports from the National Academies Press on Resilience

- Searchable Collections -- Flood Resilience: Preparedness and Recovery Collection
Committees & Panels

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

- AM000 - Transportation Sustainability and Resilience Group
- AME80 - Community Resources and Impacts
- AMR00 - Section - Transportation Systems Resilience
- AMR40 - Systems, Enterprise, and Cyber Resilience
- B0171 - Transportation Resilience Metrics

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

**CRP Panels**

- D1580 - Design Guide and Standards for Infrastructure Resilience
- D204441 - Deploying Transportation Resilience Practices in State DOTs: Implementation
- D205953A - A Guide to Flood Forecasting for Transportation Resilience
- D2326 - Measuring Impacts and Performance of State DOT Resilience Efforts
- D2332 - Transportation Asset Risk and Resilience
- DA0292 - General Aviation Airports and Resilience: Complete Toolkits for Self-Directed Planning
- SAS1020 - Resilience Partnerships with the Air National Guard and other Military Organizations
- TF29 - Mental Health, Wellness, and Resilience for Transit System Workers

**Councils**

- A001C – Young Member Coordinating Council

Recent and Upcoming Events

**Upcoming TRB Conferences/Webinars** – Use left hand menu to filter events

**TRB’s Transportation Symposium on Environment, Energy, and Livable Economies**
*August 25-28, 2024*
*Denver, CO*

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

**TRB Webinar: Lessons of Agency Resilience During Periods of Disruption**
*March 20, 2024*

**TRB’s Transportation Resilience 2023**
*November 13-15, 2023*
*Washington, DC*
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- 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](http://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](http://trt.trb.org) – A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
- **Publications Index (PubsIndex) Database** – [pubsindex.trb.org](http://pubsindex.trb.org) - The papers, articles and reports published by the Transportation Research Board, Strategic Highway Research Programs or the Marine Board

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