



TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Security & Emergencies

TRB's involvement in research on Security & Emergencies from 2018-2019

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

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 Security & Emergencies within the past year.

Subject Webpage

- [Security & Emergencies Research at TRB](#)

Specialty Report

- [Critical Issues in Transportation 2018](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Report 189](#) - Design Considerations for Airport EOCs
 - [Report 187](#) - Transportation Emergency Response Application (TERA) Support Materials for Airport EOC Exercises
 - [Synthesis 90](#) - Incorporating ADA and Functional Needs in Emergency Exercises
 - [Legal Research Digest 34](#) - Airport Public Health Preparedness and Response: Legal Rights, Powers, and Duties
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 884](#) - Guidelines for Managing Geotechnical Risks in Design-Build Projects
 - [Research Topic Highlight](#) – Roadway Tunnels
 - [Synthesis 527](#) - Resilience in Transportation Planning, Engineering, Management, Policy, and Administration
 - [Web-Only Document 247](#) - Managing Geotechnical Risks in Design-Build Projects
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Report 193](#) - Tools and Strategies for Eliminating Assaults Against Transit Operators, Volume 1: Research Overview
 - [Report 193](#) - Tools and Strategies for Eliminating Assaults Against Transit Operators, Volume 2: User Guide
 - [Legal Research Digest 53](#) - Legal Considerations in Relationships Between Transit Agencies and Ridesourcing Service Providers

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 04-19](#) - Airport Emergency Planning Template: NIMS - Incident Command System Compliance
 - [ACRP 04-23](#) - Social Media Guidebook for Emergency Management
 - [ACRP 10-26](#) - Airport Microgrid Implementation Toolkit
 - [ACRP 11-08\(16-03\)](#) - Forum on Airport Roles in Reducing Communicable Diseases Transmission
 - [ACRP Synthesis 11-03/Topic S01-19](#) - Data Acquisition and Protocols for Risk Management
 - [ACRP Synthesis 11-03/Topic S04-19](#) - Incorporating ADA and Functional Needs in Emergency Exercises
 - [ACRP Synthesis 11-03/Topic S04-23](#) - Emergency Working Groups
 - [NCHRP 03-127](#) - Cybersecurity of Traffic Management Systems

- [NCHRP 03-129](#) - Essential Communications
- [NCHRP 08-107](#) - A Guidebook for Emergency Contracting Procedures for Administration of a Regional Emergency
- [NCHRP 17-46](#) - Comprehensive Analysis Framework for Safety Investment Decisions
- [NCHRP 20-07/Task 239](#) - Identification and Delineation of Incident Management and Multi-Agency Emergency Response Functions
- [NCHRP 20-44\(02\)](#) - Implementation of the AASHTO Guide for Enterprise Risk Management
- [NCHRP 20-59](#) - Surface Transportation Security and Resilience Research
- [NCHRP 20-59\(51\)A](#) - Security 101: A Physical & Cyber Security Primer for Transportation Agencies
- [NCHRP 20-59\(51\)C](#) - Research Support for Implementing Security, Emergency Management, and Infrastructure Protection at State Transportation Agencies
- [NCHRP 20-59\(53\)](#) - FloodCast: A Framework for Enhanced Flood Event Decision Making for Transportation Resilience
- [NCHRP 20-59\(54\)](#) - Transportation System Resilience: Research Roadmap and White Papers
- [NCHRP 20-59\(55\)](#) - Transportation System Resilience: CEO Primer & Engagement
- [NCHRP 20-117](#) - Deploying Transportation Resilience Practices in State DOTs
- [NCHRP 20-120\(10\)](#) - Cybersecurity Implications of CV/AV Technologies on State and Local Transportation Agencies
- [NCHRP Synthesis 20-05/Topic 50-15](#) - Asset Management Approaches to Identifying and Evaluating Assets Damaged Due to Emergency Events
- [TCRP A-36](#) - Command-Level Decision Making for Transportation Emergency Managers
- [TCRP Synthesis J-07/Topic SA-48](#) - Transit Security Preparedness – Current Practices
- [Upcoming Projects](#)
 - [ACRP 10-27](#) - Using Collaborative Decision Making to Enhance the Management of Adverse Conditions, IROPS, and Crises
 - [ACRP 11-01/Topic 10-04](#) - Updated Survey of Laws and Regulations Applicable to Airport Commercial Ground Transportation
 - [ACRP Synthesis 11-03/Topic S04-24](#) - Airport Practices in Airport Emergency Plans
 - [NCHRP 02-26](#) - Implementation of Life-Cycle Planning Analysis in a Transportation Asset Management Framework
 - [NCHRP 08-113](#) - Integrating Effective Transportation Performance, Risk, and Asset Management Practices
 - [NCHRP 10-102](#) - A Guidebook for Risk-Based Construction Inspection
 - [NCHRP 20-59\(56\)](#) - Support for State DOT Transportation Systems Resilience and All-Hazards Programs
 - [NCHRP 20-115](#) - Deploying Transportation Security Practices in State DOTs
 - [NCHRP 20-116](#) - Emergency Management in State Transportation Agencies
 - [NCHRP 20-124](#) - Deploying Transportation Security Practices in State DOTs
 - [NCHRP 20-125](#) - Strategies for Incorporating Resilience into Transportation Networks
 - [TCRP F-27](#) - Characteristics and Elements of Non-Punitive Employee Safety Reporting Systems for Public Transportation

Reports from the [National Academies Press](#) on Security & Emergencies

- [The State of Resilience](#)
- [Recoverability as a First-Class Security Objective](#)
- [Examining Challenges and Possible Strategies to Strengthen U.S. Health Security](#)
- [Emergency Alert and Warning Systems](#)
- [Emerging Trends and Methods in International Security](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

[TRB Standing Committees](#) – Search by transportation mode and committee topic

- [AB000](#) – Policy and Organization Group
- [ABE00](#) – Transportation Policy
- [ABR10](#) – Critical Transportation Infrastructure Protection
- [ABR20](#) – Logistics of Disaster Response and Business Continuity
- [ABR30](#) – Emergency Evacuations
- [AT040](#) – Transportation of Hazardous Materials
- [AV090](#) – Aviation Security and Emergency Management
- [Disaster Recovery Committees](#)

[Task Forces](#) - Search for *task force* under committee here

- [ABI55T](#) – Data Privacy, Security and Protection Policy
- [AP018T](#) – Transit Safety and Security

Councils

- [A0040T](#) – Young Member Council

Panels

- [CRP Panels Related to Security & Emergencies](#)

Recent and Upcoming Events

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

[Lifesavers*](#)

March 31-April 2, 2019

Louisville, Kentucky

[17th Biennial National Harbor Safety Committee Conference](#)

June 25-27, 2019

Houston, Texas

[6th International Conference on Women’s Issues in Transportation \(WIIIT 2019\)](#)

September 10-13, 2019

Irvine, California

[First International Conference on 3D Printing and Transportation](#)

November 20-21, 2019

Washington, DC

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

[Past Webinars](#)

- [Security and Emergencies](#)

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](#)

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - [prp.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](#)

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

