TRB Snap Search: TRB’s Involvement in Research on Communicable Diseases and Public Health from 2010-2020

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 Communicable Diseases within the past 10 years.

Specialty Report

- Critical Issues in Transportation 2019

Specialty Webpage

- Transportation in the Face of Communicable Disease

Recent Reports & Publications

- Airport Cooperative Research Program (ACRP)
  - Legal Research Digest 34 - Airports Public Health Preparedness and Response: Legal Rights, Powers, and Duties
  - Report 135 - Understanding Airport Air Quality and Public Health Studies Related to Airports
  - Report 91 - Infectious Disease Mitigation in Airports and on Aircraft
  - Synthesis 99 - Emergency Working Groups at Airports
  - Synthesis 88 - Airport Community, Water Quality Events, and the Aircraft Drinking Water Rule
  - Synthesis 83 - Preparing Airports for Communicable Diseases on Arriving Flights
  - CRP-CD-137 - The Vector-Borne Disease Airport Importation Risk Tool

- Conference Proceedings
  - Proceedings 55 - Airport Roles in Reducing Transmission of Communicable Diseases
  - Proceedings 47 - Research on the Transmission of Disease in Airports and on Aircraft

- National Cooperative Highway Research Program (NCHRP)
  - NCHRP 25-25/Task 105 - A Guidebook for Communications between Transportation and Public Health Communities
  - Report 932 - A Research Roadmap for Transportation and Public Health
  - Report 769 - A Guide for Public Transportation Pandemic Planning and Response
  - Research Results Digest 393 - Selected Indirect Benefits of State Investment in Public Transportation
  - Research Results Digest 385 - The Legal Definitions of “First Responder”
  - Research Results Digest 383 - Potential Impacts of Federal Health Care Reform on Public Transit

- Strategic Highway Research Program (SHRP 2)
  - Project Brief - A National Traffic Incident Management Training Course for Incident Responders and Managers

- Transit Cooperative Research Program (TCRP)
- Legal Research Digest 50 - Public Transit Emergency Preparedness Against Ebola and Other Infectious Diseases: Legal Issues
- Report 203 - Dialysis Transportation: Intersection of Transportation and Healthcare
- Report 202 - Handbook for Examining the Effects of Non-Emergency Medical Transportation Brokerages on Transportation Coordination

- Transportation Research Record: Journal of the Transportation Research Board
- Open Access Articles - Transportation and Pandemics

Current & Upcoming Projects
- Current Projects
  - ACRP 03-49 - Effective Collaboration to Plan and Respond to Communicable Disease Threats
  - ACRP 04-23 - Social Media Guidebook for Emergency Management
  - ACRP Synthesis 11-03/Topic S06-06 - Supporting Employee Well-being through Workforce Programs
  - TCRP F-26 - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line

- Upcoming Projects

Reports from the National Academies Press on Communicable Diseases
- Coronavirus Resources Collection
- Pandemic Resources

Committees & Panels
Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic
- ABR00 - Transportation Systems Resilience
- ABR10 - Critical Transportation Infrastructure Protection
- ABR20 - Logistics of Disaster Response and Business Continuity
- ABR30 - Emergency Evacuations
- ADC20 – Transportation and Air Quality
- ADD40 – Transportation and Sustainability
- AT040 – Transportation and Air Quality
- AV090 - Aviation Security and Emergency Management
- AW040 – Marine Safety and Human Factors

Project Panels
- D20112 – Research Roadmap--Public Health and Transportation
- D20116 - Emergency Management in State Transportation Agencies
- D205936 - Catastrophic Transportation Emergency Management Guidebook
- D205942 - Regional Transportation Disaster Response Template
- D205951B - Update of a Guide to Emergency Response Planning at State Transportation Agencies
- DA0423 – Social Media Guidebook for Emergency Management
- TA33 – Emergency Preparedness and Recovery Outreach and Communications to Vulnerable Populations
- TA36 - Command-Level Decision Making for Transit Emergency Managers

Task Forces - Search for task force under committee here
- ADD55T – Arterials and Public Health

Councils
- A0040T – Young Member Council

Recent and Upcoming Events
Upcoming Conferences - Left hand menu “upcoming conferences by topic”
(Conferences cosponsored by TRB are denoted with an asterisk.)

Transportation, Environment, and Energy: An Integrated Research Symposium
July 12-15, 2020
Denver, Colorado

ITS World Congress 2020*
Webinars – View upcoming webinars, suggest a webinar or add registration information
  o The Supply Chain and COVID-19 – April 8, 2020
  o The Intersection Between Health and Transportation – April 27, 2020

Past Webinars
  o Transportation & COVID-19 – Practices From Other Disease Outbreaks – March 23, 2020
  o Taking Preparedness Seriously: Emergency Exercises for Any Airport – April 18, 2019
  o Leading Future Improvements in Transportation Safety – March 9, 2019
  o Airport Response During Communicable Disease Outbreaks – December 11, 2018
  o Emergency Preparedness Against Infectious Diseases on Public Transit – August 14, 2018
  o Improving the Resilience of Transit Systems Threatened by Natural Disasters – March 12, 2018
  o Leveraging Transportation Mode Expertise for Community Resiliency – February 15, 2018
  o Uses of Social Media During an Airport Emergency – January 18, 2018
  o The National Institute for Standards and Technology Approach to Resilience in Transportation – August 16, 2017
  o Business Continuity Planning for Disruptions at Airports – June 20, 2017

TRB’s Transportation Research Information Services (TRIS)

TRIS includes the TRB Library and the TRIS Databases (listed below) which are available for 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

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

Snap Searches - Formerly called ‘Overview Guides,’ Snap Searches provide a succinct summary of activities in TRB on a given topic including: upcoming events such as conferences and webinars; names of Committees working on relevant issues; and a list of recent reports from TRB and The National Academies - www.trb.org/InformationServices/Snap.aspx

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