TRB Snap Search: Administration & Management

TRB's involvement in research on Administration & Management from 2020-2021

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 Administration & Management within the past year.

**Subject Webpage**

- Administration & Management Research at TRB

**Recent Reports & Publications**

- **Airport Cooperative Research Program (ACRP)**
  - [Impacts on Practice](http://www.trb.org/InformationServices/Snap.aspx) - ACRP in the Classroom: Reimagining the Textbook at the University of North Dakota Department of Aviation
  - [Impacts on Practice](http://www.trb.org/InformationServices/Snap.aspx) - Measuring Success at Raleigh–Durham International Airport
  - [Report 222](http://www.trb.org/InformationServices/Snap.aspx) - Collecting and Sharing of Operations and Safety Data
  - [Report 217](http://www.trb.org/InformationServices/Snap.aspx) - Guidance for Diversity in Airport Business Contracting and Workforce Programs
  - [Synthesis 113](http://www.trb.org/InformationServices/Snap.aspx) - Airport Workforce Programs Supporting Employee Well-Being
  - [Synthesis 112](http://www.trb.org/InformationServices/Snap.aspx) - Airport Operations Training at Small Airports
  - [Synthesis 107](http://www.trb.org/InformationServices/Snap.aspx) - Models for Law Enforcement at Airports
  - [Synthesis 106](http://www.trb.org/InformationServices/Snap.aspx) - Airport Risk Identification and Prioritization Practices
  - [Web-Only Document 49](http://www.trb.org/InformationServices/Snap.aspx) - Research Roadmap on Airport Administration & Human Resource Issues
  - [WebResource 8](http://www.trb.org/InformationServices/Snap.aspx) - Integrating Social Media with Emergency Management at Airports

- **Conference Proceedings**
  - [Proceedings on the Web 26](http://www.trb.org/InformationServices/Snap.aspx) - Public–Private Partnerships: What Are the Lessons Learned?

- **IDEA Safety Program**
  - [Project 40](http://www.trb.org/InformationServices/Snap.aspx) - Using Light to Reduce Fatigue and Improve Alertness in Railway Operations

- **National Cooperative Highway Research Program (NCHRP)**
  - [Legal Research Digest 82](http://www.trb.org/InformationServices/Snap.aspx) - Potential Liability Associated with Unstable Slope Management Programs
  - [Legal Research Digest 81](http://www.trb.org/InformationServices/Snap.aspx) - Legal Issues Concerning the Use of Transportation Facilities to Generate Revenue for State DOTs
  - [NCHRP 20-65/Task 75](http://www.trb.org/InformationServices/Snap.aspx) - Baseline Research on Allowable In-Kind and Local Match Sources
  - [Report 944](http://www.trb.org/InformationServices/Snap.aspx) - Guide to Calculating Ownership and Operating Costs of Department of Transportation Vehicles and Equipment: An Accounting Perspective
  - [Report 939](http://www.trb.org/InformationServices/Snap.aspx) - Guidebooks for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods, Volume 1: Design–Build Delivery
  - [Report 939](http://www.trb.org/InformationServices/Snap.aspx) - Guidebooks for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods, Volume 2: Construction Manager–General Contractor Delivery

Updated 11/05/2020
• **Report 939** - Guidebooks for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods, Volume 3: Research Overview
• **Report 938** - Incorporating the Costs and Benefits of Adaptation Measures in Preparation for Extreme Weather Events and Climate Change—Guidebook
• **Report 937** - Guidebook for Implementing Alternative Technical Concepts in All Types of Highway Project Delivery Methods
• **Report 936** - Guide to Ensuring Access to the Publications and Data of Federally Funded Transportation Research
• **Report 931** - A Guide to Emergency Management at State Transportation Agencies
• **Report 930** - Security 101: A Physical and Cybersecurity Primer for Transportation Agencies
• **Report 923** - Workforce Optimization Workbook for Transportation Construction Projects
• **Report 921** - Case Studies in Cross-Asset, Multi-Objective Resource Allocation
• **Report 917** - Right-Sizing Transportation Investments: A Guidebook for Planning and Programming
• **Report 750** - Strategic Issues Facing Transportation, Volume 7: Preservation, Maintenance, and Renewal of Highway Infrastructure
• **Synthesis 556** - Asset Management Approaches to Identifying and Evaluating Assets Damaged Due to Emergency Events
• **Synthesis 553** - Performance-Based Pavement Warranty Practices
• **Web-Only Document 289** - Business Models to Facilitate Deployment of Connected Vehicle Infrastructure to Support Automated Vehicle Operations
• **Web-Only Document 281** - Integrating Tribal Expertise into Processes to Identify, Evaluate, and Record Cultural Resources

- **Special Reports / Consensus Studies**

- **Transit Cooperative Research Program (TCRP)**
  - **Report 218** - Characteristics and Elements of Non-Punitive Employee Safety Reporting Systems for Public Transportation
  - **Report 213** - Data Sharing Guidance for Public Transit Agencies – Now and in the Future
  - **Report 208** - Strategic Communications Toolkit to Improve Support for Transit-Priority Projects
  - **Synthesis 148** - Business Models for Mobile Fare Apps
  - **Synthesis 147** - Attracting, Retaining, and Advancing Women in Transit

- **Transportation Research Circulars**
  - **E-Circular 266** - Transportation Asset Management in a COVID-19 World: A TRB Webinar
  - **E-Circular 263** - Conference on Performance and Data in Transportation Decision Making

**Current & Upcoming Projects**

- **Current Projects**
  - **ACRP 01-39** - Creative Marketing Techniques to Improve Revenue Generation Partnerships
  - **ACRP 01-40** - Evaluating the Traveler’s Perspective to Improve the Airport Customer Experience
  - **ACRP 01-42** - Guidance for Evaluating Airport Governance Structures
  - **ACRP 01-45** - Selecting, Procuring, and Implementing Airport Capital Project Delivery Methods
  - **ACRP 01-47** - A Guide to Developing a Culture of Innovation at Airports
  - **ACRP 03-46** - Implementing Airport Privatization: Guidance for Airport Decision Makers
  - **ACRP 03-52** - Guidelines for Adapting and Managing Airport Common Use Programs
  - **ACRP 03-53** - Airport Baggage Handling System Decision-Making Based on Total Cost of Ownership
  - **ACRP 06-06** - Cultivating Talent in the Airport Environment
  - **ACRP 11-01/Topic 10-03** - Legal Issues Relating to Airport Commercial Contracts
  - **ACRP Synthesis 11-03/Topic S01-23** - Procuring Software Solutions at Airports
  - **ACRP Synthesis 11-03/Topic S01-24** - Examples of Airports Providing Facility Space for Community Use
  - **ACRP Synthesis 11-03/Topic S01-25** - Airport Parking Pricing Strategies
  - **ACRP Synthesis 11-03/Topic S10-16** - Airport Operations Training at Small Airports
  - **BTSCRP BTS-01** - Guidance for Employer-Based Behavioral Traffic Safety Programs for Drivers in the Workplace
  - **BTSCRP BTS-02** - Guide for Behavioral Traffic Safety Messaging on Variable Message Signs
  - **NCHRP 02-27** - Making Targets Matter: Managing Performance to Enhance Decision-Making
  - **NCHRP 03-128** - Business Intelligence Techniques for Transportation Agency Decision Making
  - **NCHRP 08-113** - Integrating Effective Transportation Performance, Risk, and Asset Management Practices
  - **NCHRP 08-114** - Systematic Approach for Determining Construction Contract Time: A Guidebook
• **Upcoming Projects**
  - ACRP 01-44 - Airport Insurance Requirements
  - ACRP 01-49 - Knowledge is Power: Knowledge Management Guidelines to Help Airports Thrive
  - ACRP 11-02/Task 40 - Quick Response: Airport Organizational Redesign
  - ACRP Synthesis 11-03/Topic S03-16 - State Aviation Funding: Project Prioritization and Selection Processes
  - NCHRP 08-136 - Guidance on Using Performance-Based Management Approaches for Maintenance
  - NCHRP 08-148 - Utility Abandonment, Out of Service Plant, and Decommissioning without Removal on Public Right of Way
  - NCHRP 20-06/Topic 25-06 - Legal Aspects of Best-Value Procurement for Highway Construction
  - NCHRP 20-24(132) - Understanding Knowledge Management in Context with Other Organizational Practices
  - NCHRP 20-24(131) - Mapping the Common Interests of AASHTO Committees
  - NCHRP 20-44(12) - Building Capacity for Self-Assessment of Data Effectiveness for Agency Business Needs
  - NCHRP 20-44(28) - Development of a Technology Transfer Plan for State Departments of Transportation Research Programs
  - NCHRP 20-44(34) - Successful Practices for State Transportation Research Office’s Complying with 2 CFR 200 (NCHRP 20-111J)
  - NCHRP 20-102(28) - Preparing Transportation Agencies for Connected and Automated Vehicles in Work Zones
  - NCHRP 20-128 - Emergency Response: Organizational and Operational Models Used by State DOTs
  - NCHRP 23-04 - Statewide Insurance Pooling for Public Transit
  - NCHRP 23-14 - Research Roadmap for Knowledge Management
Reports from the National Academies Press on Administration & Management

- Governance and Management of the Nuclear Security Enterprise
- Management of Legionella in Water Systems
- Facilities Staffing Requirements for the Veterans Health Administration—Resource Planning and Methodology for the Future
- Life Cycle Decisions for Biomedical Data

Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic
- AB000 – Policy and Organization Group
- ABC00 – Management and Leadership
- ACS10 – Transportation Safety Management
- AJE10 – Strategic Management
- AJE15 – Workforce Development and Organizational Excellence
- AJE20 – Performance Measurement
- AJE30 – Transportation Asset Management
- AIL30 – Contract Law
- AKR10 – Maintenance and Operations Management
- AP010 – Transit Management and Performance
- AP030 – Public Transportation Marketing and Fare Policy

Task Forces - Search for task force under committee here
- A0030T – Data for Decisions and Performance Measures
- AB001T – Knowledge Management
- AT017T – Development of Freight Fluidity Performance Measures

CRP Panels
- Project Panels Related to Administration and Management

Councils
- A001C – Young Members Coordinating Council

Recent and Upcoming Events

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

2021 NAEP Annual Conference and Training Symposium*
May 16, 2021
Phoenix, AZ

Research Day at ITF Annual Summit - Transport Innovation for Sustainable Development
May 26, 2021
Leipzig, Germany

International Conference on Managing Pavement Assets (ICMPA)*
June 8, 2021
Chicago, Illinois

13th National Conference on Transportation Asset Management
August 7, 2021
Boston, MA

2021 Innovations in Freight Data
September 21, 2021
Webinars – View upcoming webinars, suggest a webinar or add registration information

Past Webinars

- Administration and Management

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
- Research Needs Statements (RNS) – rns.trb.org - Research needs as identified by TRB Technical Activities standing committees
- 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