TRB Snap Search: Natural Resources

TRB’s involvement in research on Natural Resources 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

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

Click here to view search results on TRB published research on Natural Resources within the past year.

Specialty Report

- Critical Issues in Transportation 2019

Recent Reports & Publications

- **Airport Cooperative Research Program (ACRP)**
  - Conference Proceedings on the Web 23 - Economic and Social Sustainability at Airports
  - Impacts on Practice - Mitigating Cattle Egret Strikes at Orlando International Airport
  - Report 198 - Wetland Mitigation, Volume 2, A Guidebook for Airports
  - Research Results Digest 28 - Thought Leader Forum Summary—Emerging Issues for ACRP
  - Synthesis 93 - Sustainability’s Role in Enhancing Airport Capacity
  - Synthesis 92 - Airport Waste Management and Recycling Practices
  - Synthesis 89 - Clean Vehicles, Fuels, and Practices for Airport Private Ground Transportation Providers
  - Synthesis 88 - Airport Community, Water Quality Events, and the Aircraft Drinking Water Rule

- **National Cooperative Highway Research Program (NCHRP)**
  - NCHRP 25-53 - Approaches for Determining and Complying with TMDL Requirements Related to Roadway Stormwater Runoff
  - NCHRP 25-25/Task 102 - Artificial Bat Roost Mitigation Designs and Standardized Monitoring Criteria
  - NCHRP 10-91A - Sustainable Highway Construction Practices
  - NCHRP 08-36/Task 146 - Economic Resilience and Long-Term Highway/Transportation Infrastructure Investment
  - Report 918 - Approaches for Determining and Complying with TMDL Requirements Related to Roadway Stormwater Runoff

- **Transit Cooperative Research Program (TCRP)**
  - Report 205 - Social and Economic Sustainability Performance Measures for Public Transportation
  - Report 197 - Tools for a Sustainable Transit Agency

- **Transportation Research Circulars**
  - E-Circular 244 - Mobility on Demand: A Smart, Sustainable, and Equitable Future

Current & Upcoming Projects

- **Current Projects**
  - ACRP 02-69 - Integrating Airport Sustainability and the NEPA Process
  - NCHRP 08-111 - Effective Decision-Making Methods for Freight-Efficient Land Use
  - NCHRP 14-39 - Using Vegetated Compost Blankets to Achieve Highway Runoff Volume and Pollutant Reduction
• **Upcoming Projects**
  - NCHRP 08-124 - Quantifying the Impacts of Corridor Management
  - NCHRP 25-59 - Pollinator Habitat Conservation Along Roadways
  - NCHRP 25-61 - Effective On-Bridge Treatment of Stormwater
  - TCRP J 11/Task 36 - An Update on Public Transportation's Impacts on Greenhouse Gas Emissions
  - TCRP J 11/Task 38 - An Analysis of Green Bond Financing in the Public Transportation Industry

**Reports from the National Academies Press on Natural Resources**

- [Future Water Priorities for the Nation - Directions for the U.S. Geological Survey Water Mission Area](#)
- [Understanding the Long-Term Evolution of the Coupled Natural-Human Coastal System - The Future of the U.S. Gulf Coast](#)
- [Discovering the Deep Blue Sea - Research, Innovation, Social Engagement](#)
- [Progress Toward Restoring the Everglades](#)
- [A Research Review of Interventions to Increase the Persistence and Resilience of Coral Reefs](#)
- [A Decision Framework for Managing the Spirit Lake and Toutle River System at Mount St. Helens](#)

**Committees & Panels**

**Sign-up to be a committee "Friend"**

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

- **AD000** - Planning and Environment Group
- **ADC30** - Ecology and Transportation
- **ADC60** - Resource Conservation and Recovery
- **AFB40** - Landscape and Environmental Design
- **AFB65** - Stormwater
- **AL050** - Environmental Issues in Transportation Law
- **AW030** - Marine Environment

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

**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.)

2019 Texas Department of Transportation Annual Environmental Conference*
September 10-12, 2019
Austin, Texas

2018 Annual Conference of the Florida Association of Environmental Professionals (FAEP)*
September 22-26, 2019
Sacramento, California

A&WMA Conference on Freight and Environment: Ports of Entry*
October 23-24, 2019
Newark, New Jersey

Transportation Resilience 2019: 2nd International Conference on Transportation System Resilience to Natural Hazards and Extreme Weather
November 13-15, 2019
Washington, D.C.

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

Webinars – View upcoming webinars, suggest a webinar or add registration information

Past Webinars
- Road Weather and Flood Monitoring with the National Water Model - April 15, 2019
- Section 106 of the National Historic Preservation Act: Update on Case Law - April 11, 2019
- The Renewal of Stormwater Systems Using Trenchless Technologies - March 6, 2019
- Adapting Shoreline Infrastructure to Sea Level Rise and Extreme Events - February 6, 2019
- Wildlife-Vehicle Collision Mitigation: Data to Decisions - October 24, 2018
- Understanding the Challenges of Airport Drinking Water Quality Events - October 11, 2018
- Federal Environmental Case Law Update on Transportation Matters - October 10, 2018
- Water Finance Clearinghouse for Transportation Stormwater Infrastructure - July 16, 2018
- Tools for a Sustainable Transit Agency - June 5, 2018
- Design for Stream Restoration and Channel Stability at Stream Crossings - April 30, 2018

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

Publications Index (PubIndex) 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