



## TRB Snap Search: Environmental Process

### TRB's involvement in research on Environmental Process from 2017-2019

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 on Environmental Process within the past two years.

### Subject Webpage

- [Environment Research at TRB](#)

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Report 185](#) - Airport Air Quality Management 101
  - [Report 174](#) - Green Stormwater Infrastructure - Volume 1: Primer
  - [Report 174](#) - Green Stormwater Infrastructure - Volume 2: Guidebook
  - [Report 169](#) - Clean Water Act Requirements for Airports
  - [Report 166](#) - Interpreting the Results of Airport Water Monitoring
  - [Report 72](#) - Guidebook for Selecting Methods to Monitor Airport and Aircraft Deicing Materials
  - [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
  - [Web-Only Document 36](#) - Enhanced AEDT Modeling of Aircraft Arrival and Departure Profiles, Volume 1: Guidance
  - [Web-Only Document 36](#) - Enhanced AEDT Modeling of Aircraft Arrival and Departure Profiles, Volume 2: Research Report
  - [WebResource 3](#) - Airport Stormwater Management Library and Training Materials
- [Conference Proceedings](#)
  - [Proceedings 54](#) - Decarbonizing Transport for a Sustainable Future: Mitigating Impacts of the Changing Climate
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [IDEA Report 182](#) - Reducing Stormwater Runoff and Pollutant Loading with Biochar Addition to Highway Greenways
  - [Legal Research Digest 75](#) - Legal Requirements for State Departments of Transportation Agency Participation in Conservation Plans
  - [Report 840](#) - A Watershed Approach to Mitigating Stormwater Impacts

### Current & Upcoming Projects

- [Current Projects](#)
  - [ACRP 02-69](#) - Integrating Airport Sustainability and the NEPA Process
  - [ACRP 02-77](#) - Revolving Funds for Sustainability Projects at Airports
  - [ACRP 02-81](#) - Commercial Space Operations Noise and Sonic Boom Measurements
  - [NCHRP 10-99](#) - Framework for Implementing Constructability Across the Entire Project Development Process: NEPA to Final Design
  - [NCHRP 14-39](#) - Using Vegetated Compost Blankets to Achieve Highway Runoff Volume and Pollutant Reduction
  - [NCHRP 25-25/Task 102](#) - Artificial Bat Roost Mitigation Designs and Standardized Monitoring Criteria

- [NCHRP 25-25/Task 103](#) - Research and Report on the Administration of Categorical Exclusions by State Departments of Transportation (DOTs) under NEPA
  - [NCHRP 25-25/Task 104](#) - Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements
  - [NCHRP 25-25/Task 106](#) - National Synthesis of Highway Noise Effects on Historic Properties and Effective Mitigation Practices
  - [NCHRP 25-25/Task 107](#) - Synthesis of Best Practices for the Development and Implementation of Section 106 Delegation Programmatic Agreements
  - [NCHRP 25-25/Task 109](#) - Successful Practices for Environmental Commitments in Public/Private Partnerships (P-3) and Design-Build (D-B) Contracts
  - [NCHRP 25-25/Task 110](#) - National Synthesis of Successful Strategies for Managing Post-World War II Resources in Historic Property Identification Surveys
  - [NCHRP 25-25/Task 111](#) - Environmental Management System Perspectives For State DOTs
  - [NCHRP 25-25/Task 116](#) - Recommendations for Additional Section 106 Program Comments or Exemptions
  - [NCHRP 25-25/Task 118](#) - Context-Sensitive Design Options for Workhorse Bridges in Rural Historic Districts
  - [NCHRP 25-53](#) - Approaches for Determining and Complying with TMDL Requirements Related to Roadway Stormwater Runoff
  - [NCHRP 25-55](#) - Assessment of Regulatory Air Pollution Dispersion Models to Quantify the Impacts of Transportation Sector Emissions
- [Upcoming Projects](#)

### Reports from the [National Academies Press](#) on Environmental Process

- [Future Water Priorities for the Nation](#)
- [Understanding the Long-Term Evolution of the Coupled Natural-Human Coastal System - The Future of the U.S. Gulf Coast](#)
- [Responding to the Threat of Sea Level Rise](#)

### Committees & Panels

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

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

- [AD000](#) – Planning and Environment Group
- [ADC10](#) – Environmental Analysis in Transportation
- [ADC20](#) – Transportation and Air Quality
- [ADC30](#) – Ecology and Transportation
- [ADC60](#) – Resource Conservation and Recovery
- [ADD40](#) – Transportation and Sustainability
- [ADD50](#) – Environmental Justice in Transportation
- [AFB40](#) – Landscape and Environmental Design
- [AFB65](#) – Stormwater
- [AL050](#) – Environmental Issues in Transportation Law

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

### CRP Panels

- [Project Panels Related to Environment](#)

### 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.)

**[Inaugural African Conference for Linear Infrastructure and Ecology \(ACLIE\)\\*](#)**

March 10-15, 2019

Kruger National Park, South Africa

**[58th Annual Workshop on Transportation Law](#)**

July 20-25, 2019

Cleveland, Ohio

**[2019 International Conference on Ecology and Transportation\\*](#)**

*September 22-26, 2019*

**Sacramento, California**

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

[Past Webinars](#)

- [Understanding the Challenges of Airport Drinking Water Quality Events](#) – October 11, 2018
- [Water Finance Clearinghouse for Transportation Stormwater Infrastructure](#) – July 16, 2018
- [Interpreting the Results of Airport Water Monitoring](#) – March 21, 2018
- [Expediting the NEPA Process - What Does it Take?](#) – October 31, 2017
- [A Watershed Approach to Mitigating Stormwater Impacts](#) – September 20, 2017
- [Understanding Stormwater Management Requirements for Airports](#) – September 14, 2017
- [Winter Operations: Understanding Aircraft Deicers and Their Impact on Stormwater Runoff](#) – March 14, 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](http://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](http://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](http://pubsindex.trb.org)

**Research in Progress (RiP) Database** – Current or recently completed transportation research projects - [rip.trb.org](http://rip.trb.org)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees - [rns.trb.org](http://rns.trb.org)

Contact the Library at [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu) or 1 (202) 334-2989