

**TRB** TRANSPORTATION RESEARCH BOARD

## TRB Snap Search: Environmental Process

### TRB's involvement in research on Environmental Process from 2020-2022

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 Environmental Process within the past two years.

### Subject Webpage

- [Environment Research at TRB](#)

### Specialty Report

- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Report 220](#) - Guidebook for Developing a Zero- or Low-Emissions Roadmap at Airports
  - [Report 211](#) - Guidance for Using the Interactive Tool for Understanding NEPA at General Aviation Airports
  - [Report 14](#) - Deicing Planning Guidelines and Practices for Stormwater Management Systems, 2<sup>nd</sup> Edition
  - [Web-Only Document 47](#) - Commercial Space Operations Noise and Sonic Boom Measurements
  - [Web-Only Document 45](#) - Airport Environmental Research Roadmap Narrative Report
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [NCHRP 25-25/Task 119](#) - Enhancing the International Stormwater BMP Database to Serve as a Highway Specific BMP Database
  - [NCHRP 25-25/Task 104](#) - Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements
  - [IDEA Report 211](#) - Reducing Stormwater Runoff with Biochar Addition to Roadway Soils
  - [Report 932](#) - A Research Roadmap for Transportation and Public Health Management
  - [Report 922](#) - Stormwater Infiltration in the Highway Environment: Guidance Manual
- [Special Reports / Consensus Studies](#)
  - [Report 338](#) - Modernizing the U.S. Offshore Oil and Gas Inspection Program for Increased Agility and Safety Vigilance

### Current & Upcoming Projects

- [Current Projects](#)
  - [ACRP 02-93](#) - Guidebook for PFAS Management at Airports
  - [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 25-55](#) - Assessment of Regulatory Air Pollution Dispersion Models to Quantify the Impacts of Transportation Sector Emissions
- [NCHRP 25-61](#) - Effective On-Bridge Treatment of Stormwater
- [NCHRP 25-64](#) - Considering Greenhouse Gas Emissions and Climate Change in Environmental Reviews: Resources for State DOTs
- [NCHRP Synthesis 20-05/Topic 53-05](#) - Practices for Stormwater Bioretention
- [Upcoming Projects](#)

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

- [Global Change Research Needs and Opportunities for 2022-2031](#)
- [Progress Toward Restoring the Everglades](#)
- [Review of Effectiveness and Efficiency of Defense Environmental Cleanup Activities of the Department of Energy's Office of Environmental Management](#)
- [The Interplay Between Environmental Exposures and Mental Health Outcomes](#)
- [Federal Government Human Health PFAS Research Workshop](#)
- [Quality Water from Every Tap](#)
- [Review of the Revised NTP Monograph on the Systematic Review of Fluoride Exposure and Neurodevelopmental and Cognitive Health Effects](#)
- [The Use of Systematic Review in EPA's Toxic Substances Control Act Risk Evaluations](#)
- [Implications of the California Wildfires for Health, Communities, and Preparedness](#)
- [Effectiveness and Impacts of Dust Control Measures for Owens Lake](#)
- [Climate Change: Evidence and Causes: Update 2020](#)
- [Reducing Fuel Consumption and Greenhouse Gas Emissions of Medium- and Heavy-Duty Vehicles, Phase Two](#)
- [The Use of Dispersants in Marine Oil Spill Response](#)

## Committees & Panels

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

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

- [AEP70](#) – Environmental Analysis and Ecology
- [AEL50](#) – Environmental Issues in Transportation Law
- [AKD40](#) – Landscape and Environmental Design
- [AKD50](#) – Hydrology, Hydraulics, and Stormwater
- [AKG30](#) – Geo-Environmental and Climatic Impacts on Geomaterials
- [AME70](#) – Transportation and Public Health
- [AMS20](#) – Resource Conservation and Recovery
- [AW030](#) – Marine Environment

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

### CRP Panels

- [Project Panels Related to Environment](#)

### 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.)

### [Transportation Infrastructure Innovations for Durability and Resilience \(TriDurLE 2021\)\\*](#)

December 6, 2021  
Austin, TX

### [TRB Virtual Careers in Motion Networking Fair](#)

December 8, 2021  
Washington, DC

### [Conference on Sustainability and Emerging Transportation Technology](#)

March 15, 2022

Irvine, CA

[American Society of Civil Engineers \(ASCE\) Geo-Congress 2022\\*](#)

March 20, 2022

Charlotte, NC

[18th Biennial National Harbor Safety Committee Conference](#)

June 13, 2022

Boston, MA

[TRB Scenario Planning Conference](#)

September 19, 2022

Washington, DC

[Upcoming Events](#) – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

[Past Events](#) - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

### **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](http://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](http://trt.trb.org) - A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
- **Research Needs Statements (RNS)** – [rns.trb.org](http://rns.trb.org) - Research needs as identified by TRB Technical Activities standing committees
- **Publications Index (PubsIndex) Database** – [pubsindex.trb.org](http://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](mailto:TRBLibrary@nas.edu)