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TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Environmental Process

TRB’s involvement in research on Environmental Process from 2019-2021

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

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 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 209 - Integrating Sustainability Planning and the Environmental Review Process
  - Report 205 - Revolving Funds for Sustainability Projects at Airports
  - Report 198 - Wetland Mitigation, Volume 2, A Guidebook for Airports
  - 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
  - Report 932 - A Research Roadmap for Transportation and Public Health Management
  - Report 918 - Approaches for Determining and Complying with TMDL Requirements Related to Roadway Stormwater Runoff

Current & Upcoming Projects

- Current Projects
  - 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 IDEA 20-30/IDEA 211 - Reducing Stormwater Runoff and Pollutant Loading with Biochar Addition to Highway Greenways
• **Upcoming Projects**
  o NCHRP 25-64 - Resources for State DOTs to Consider Greenhouse Gas Emissions and Climate Change in NEPA Documents

Reports from the [National Academies Press](https://www.nap.edu) on Environmental Process

  o Implications of the California Wildfires for Health, Communities, and Preparedness
  o Effectiveness and Impacts of Dust Control Measures for Owens Lake
  o Climate Change: Evidence and Causes: Update 2020
  o Reducing Fuel Consumption and Greenhouse Gas Emissions of Medium- and Heavy-Duty Vehicles, Phase Two
  o The Use of Dispersants in Marine Oil Spill Response
  o Environmental Engineering for the 21st Century
  o Independent Assessment of Science and Technology for the Department of Energy's Defense Environmental Cleanup Program
  o Toward Understanding the Interplay of Environmental Stressors, Infectious Diseases, and Human Health

Committees & Panels

Sign-up to be a committee "Friend"

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

  o AD000 – Planning and Environment Group
  o ADC20 – Transportation and Air Quality
  o ADC60 – Resource Conservation and Recovery
  o ADD40 – Transportation and Sustainability
  o AEP70 – Environmental Analysis and Ecology
  o AKD40 – Landscape and Environmental Design
  o AKD50 – Hydrology, Hydraulics, and Stormwater
  o AJL50 – Environmental Issues in Transportation Law
  o AME10 – Equity in Transportation

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

CRP Panels

  o Project Panels Related to Environment

Councils

  o 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 25, 2021*  
  Leipzig, Germany

  **2020 International Conference on Resource Sustainability: Sustainable Pavement Technologies***
  *May 28, 2021*  
  Tirupati, India

  **GeoChina 2021 International Conference***
  *July 19, 2021*  
  NanChang, Jiangxi, China

  **Geo-Extreme Conference***
  *August 15, 2021*  
  Savannah, GA

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