TRB Snap Search: Natural Resources

TRB’s involvement in research on Natural Resources from 2022-2023

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 Natural Resources within the past year.

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)
  - Synthesis 119 - Considerations for Establishing and Maintaining Successful Pollinator Programs on Airports
- National Cooperative Highway Research Program (NCHRP)
  - IDEA Report 213 - SEAHIVE – Sustainable Estuarine and Marine Revetment
  - Report 976 - Resilience Primer for Transportation Executives

- Transportation Research Circulars
  - E-Circular 277 - 13th National Conference on Transportation Asset Management

Current & Upcoming Projects
- Current Projects
  - ACRP 10-30 - Evaluating the Effectiveness of an Airport's Wildlife Hazard Management Program
  - NCHRP 14-39 - Using Vegetated Compost Blankets to Achieve Highway Runoff Volume and Pollutant Reduction
  - NCHRP 20-24(138) - Collective and Individual Actions for State Departments of Transportation Envisioning and Realizing the Next Era of America's Transportation Infrastructure – Phase I
  - NCHRP 24-50 - Rewrite of the AASHTO Drainage Manual
  - NCHRP 25-61 - Development of On-Bridge Stormwater Treatment Practices
  - NCHRP 25-63 - Handbook on Deterring and Excluding Bats from Transportation Structures

- Upcoming Projects
  - ACRP 02-97A - Update ACRP Report 43: Improving Environmental Performance at Small Airports
  - ACRP 02-98 - Airport Energy Resiliency Primer and Roadmap
  - ACRP 02-102 - A Balanced Look at Local Airport Activity and Climate Change
  - NCHRP 10-123 - Quality Assurance and Sustainability
Reports from the National Academies Press on Natural Resources

- Equitable and Resilient Infrastructure Investments
- Animal Welfare Challenges in Research and Education on Wildlife, Non-Model Animal Species and Biodiversity
- The Potential Impacts of Gold Mining in Virginia
- Current Methods for Life Cycle Analyses of Low-Carbon Transportation Fuels in the United States
- Biodiversity at Risk: Today’s Choices Matter
- Next Generation Earth Systems Science at the National Science Foundation
- Cross-Cutting Themes for U.S. Contributions to the UN Ocean Decade
- Reckoning with the U.S. Role in Global Ocean Plastic
- A Research Strategy for Ocean-based Carbon Dioxide Removal and Sequestration
- Reflecting Sunlight - Recommendations for Solar Geoengineering Research and Research Governance
- Progress Toward Restoring the Everglades

Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic

- AEP20 - Transportation Needs of National Parks and Public Lands
- AEP70 - Environmental Analysis and Ecology
- AJL50 - Environmental Issues in Transportation Law
- AJL60 - Eminent Domain and Land Use
- AKD40 - Landscape and Environmental Design
- AKD50 - Hydrology, Hydraulics, and Stormwater
- AKG10 - Engineering Geology
- AKG30 - Geo-Environmental and Climatic Impacts on Geomaterials
- AMS20 - Resource Conservation and Recovery
- AV030 - Environmental Issues in Aviation
- AW030 - Marine Environment

Task Forces - Search for task force under committee here

Project Panels

- D1441 - Permanent Vegetation Control Treatments for Roadsides
- DA1030 - Evaluating the Effectiveness of an Airport’s Wildlife Hazard Management Program
- SAS0910 - Airport Turf and Vegetation Management Practices

Councils

- A001C – Young Members Coordinating Council

Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

Marine Transportation System Innovative Science and Technologies Toward Greater Sustainability
June 19-22, 2023
Washington, D.C.

National Conference on Transportation Asset Management
July 8-11, 2023
Boston, MA

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 - 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
- **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