TRB Snap Search: Marine Transportation

TRB's involvement in research on Marine Transportation from 2021-2023

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 Marine Transportation within the past two years.

Specialty Webpages

- The Marine Board

Specialty Reports

- Critical Issues in Transportation for 2024 and Beyond
- Critical Issues in Transportation 2019
- COVID-19 Addendum to Critical Issues in Transportation
- Racial Equity Addendum to Critical Issues in Transportation

Recent Reports & Publications

- National Cooperative Highway Research Program (NCHRP)
  - IDEA Report 213 - SEAHIVE – Sustainable Estuarine and Marine Revetment
  - NCHRP Project 20-44(23) - Pilot Test of Climate Change Design Practices Guide for Hydrology and Hydraulics (Final Contractor's Report)
  - NCHRP Project 20-44(23) - Pilot Test of Climate Change Design Practices Guide for Hydrology and Hydraulics (Contractor's Report: Case Studies and Lessons Learned)

- Transit Cooperative Research Program (TCRP)
  - Report 238 - Quantitative Procedures for Designing and Operating Ferry Services

- Transportation Research Circulars
  - E-Circular 279 - Advancing Low- and Zero-Emission Marine Vessel Technology Options Workshop

- Special Reports / Consensus Studies
  - The Coast Guard’s Next Decade: An Assessment of Emerging Challenges and Statutory Needs
  - Report 343 - Strengthening U.S. Coast Guard Oversight and Support of Recognized Organizations: The Case of the Alternative Compliance Program
  - Report 342 - Options for Improving the Safety of DUKW Type Amphibious Vessels
  - Report 338 - Modernizing the U.S. Offshore Oil and Gas Inspection Program for Increased Agility and Safety Vigilance

Recently Completed Projects/Pending Publication

- NCHRP 20-125 - Strategies for Incorporating Resilience into Transportation Networks

Updated 12/5/2023
Current & Upcoming Projects

- **Current Projects**

- **Upcoming Projects**
  - NCHRP 15-61A - Hydrologic and Hydraulic Design Guide to Incorporate Climate Science in Transportation Infrastructure
  - NCHRP 20-06/Topic 27-03 - Environmental and Planning Law and Transportation

Reports from the National Academies Press on Marine Transportation

- Marine Board Publications
  - Navigating the Energy Transition in the Gulf of Mexico: Proceedings of a Workshop
  - Review of ICCOPR's 2022-2027 Oil Pollution Research and Technology Plan
  - Future Directions for Southern Ocean and Antarctic Nearshore and Coastal Research
  - Advancing Understanding of Offshore Oil and Gas Systemic Risk in the U.S. Gulf of Mexico: Current State and Safety Reforms Since the Macondo Well–Deepwater Horizon Blowout
  - Oil in the Sea IV: Inputs, Fates, and Effects
  - A Research Strategy for Ocean-based Carbon Dioxide Removal and Sequestration
  - Cross-Cutting Themes for U.S. Contributions to the UN Ocean Decade
  - Biodiversity at Risk: Today's Choices Matter
  - Wind Turbine Generator Impacts to Marine Vessel Radar
  - Reckoning with the U.S. Role in Global Ocean Plastic Waste
  - Mid-Term Assessment of Progress on the 2015 Strategic Vision for Antarctic and Southern Ocean Research
  - Offshore Situation Room - Enhancing Resilience to Offshore Oil Disasters in the Gulf of Mexico: Proceedings of a Workshop

Committees & Panels

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

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

- Marine Board Committee
- AJL20 - Transit and Intermodal Transportation Law
- AME70 - Transportation and Public Health
- AMR30 – Transportation for National Defense
- AT020 – International Trade and Transportation
- AT030 – Agriculture and Food Transportation
- AT040 – Transportation of Hazardous Materials
- AT045 – Intermodal Freight Transport
- AW000 – Marine Group
- AW010 – Ports and Channels
- AW020 – Inland Water Transportation
- AW030 – Marine Environment
- AW040 – Marine Safety and Human Factors
- AW050 – Ferry Transportation

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

Policy Study

- B0178 - New Coast Guard Authorities

Councils

- A001C – Young Members Coordinating Council

Recent and Upcoming Events

**Upcoming TRB Conferences** – Use left hand menu to filter events
**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

- **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

**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](mailto:TRBLibrary@nas.edu)