

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Marine Transportation

TRB's involvement in research on Marine Transportation 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 Marine Transportation within the past two years.

Subject Webpages

- [The Marine Board](#)
- [Marine Transportation](#)

Specialty Reports

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

Recent Reports & Publications

- [Special Reports / Consensus Studies](#)
 - [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
 - [Report 335](#) - Leveraging Unmanned Systems for Coast Guard Missions

Current & Upcoming Projects

- [Current Projects](#)
 - [NCHRP 20-44\(23\)](#) - Pilot Test of Climate Change Design Practices Guide for Hydrology and Hydraulics
 - [NCHRP 20-125](#) - Strategies for Incorporating Resilience into Transportation Networks
 - [TCRP A-46](#) - Quantitative Procedures for Designing and Operating Ferry Transit Services
- [Upcoming Projects](#)
 - [NCHRP 15-61A](#) - Updates to the Design Practices Guide for Applying Climate Change Information to Hydrologic and Coastal Design of Transportation Infrastructure

Reports from the [National Academies Press](#) on Marine Transportation

- [Wind Turbine Generator Impacts to Marine Vessel Radar](#)
- [Reckoning with the U.S. Role in Global Ocean Plastic Waste](#)
- [Attributes of a First-in-Class Environmental Program: A Letter Report Prepared for the Bureau of Ocean Energy Management](#)

- [An Approach for Assessing U.S. Gulf Coast Ecosystem Restoration: A Gulf Research Program Environmental Monitoring Report](#)
- [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](#)
- [Leveraging Commercial and Other Innovation for Future U.S. Navy Data Warfare Needs](#)
- [Biological Collections - Ensuring Critical Research and Education for the 21st Century](#)
- [Climate Change - Evidence and Causes: Update 2020](#)
- [Understanding and Responding to Global Health Security Risks from Microbial Threats in the Arctic](#)
- [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

- [Marine Board Committee](#)
- [AIL20](#) - 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

- [B0163](#) - Revise and Update the U.S. Coast Guard Vessel Stability Regulations
- [B0178](#) - New Coast Guard Authorities

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.*)

[Research Day at ITF Annual Summit*](#)

May 17, 2022

Leipzig, Germany

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

June 13, 2022

Boston, MA

[Ghana Infrastructure Conference*](#)

July 25, 2022

Ghana

[International Conference of International Society for Intelligent Construction*](#)

September 6, 2022

Guimaraes, Portugal

[TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference](#)

September 12, 2022

Seattle, WA

TRB Scenario Planning Conference

September 19, 2022

Washington, D.C.

International Visualization in Transportation Symposium

November 3, 2022

Washington, D.C

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