TRB Snap Search: The Marine Board

TRB’s involvement in research on The Marine Board 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 The Marine Board within the past two years.

Subject Webpages
- The Marine Board
- Marine Transportation

Specialty Report
- Critical Issues in Transportation 2019

Recent Reports & Publications

- National Cooperative Highway Research Program (NCHRP)
  - Synthesis 551 - Highway Hydraulic Engineering State of Practice

- Special Reports / Consensus Studies
  - 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
  - Report 333 - Toward New Naval Platforms: A Strategic View of the Future of Naval Engineering
  - Report 332 - Review and Update of U.S. Coast Guard Vessel Stability Regulations and Guidance

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 The Marine Board

- 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
- Offshore Well Completion and Stimulation: Using Hydraulic Fracturing and Other Technologies: 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
- AMR30 – Transportation for National Defense
- AT020 – International Trade and Transportation
- AT030 – Agriculture and Food Transportation
- AT040 – Transportation of Hazardous Materials
- AT045 – Intermodal Freight Transport
- AT050 – Intermodal Freight Terminal Design and Operations
- 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

- B0157 - Review and Update of the Bureau of Safety and Environmental Enforcement’s Offshore Oil and Gas Operations Inspection Program
- B0159 - Marine Transportation System Research and Technology Conference
- B0163 - Revise and Update the U.S. Coast Guard Vessel Stability Regulations

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.)

TRB Conference on Transportation Planning Applications
June 21, 2021
Online

How We Move Matters: Exploring the Connections between New Transportation and Mobility Options and Environmental Health
July 1, 2021
Online

XXI Pan-American Conference of Transport and Logistics 2021*
August 11, 2021
Online

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

International Conference on Mobility and Transport for Older Adults and People with Disabilities (TRANSED)
September 1, 2022
Seattle, WA

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

Past Webinars
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