

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Electric Vehicles

TRB's involvement in research on Electric Vehicles 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 Electric Vehicles within the past two years.

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

- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 924](#) - Foreseeing the Impact of Transformational Technologies on Land Use and Transportation
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [IDEA Report 96](#) - Multi-stage Planning for Electrifying Transit Bus Systems with Multiformat Charging Facilities
 - [Report 230](#) - Transit and Micromobility
 - [Report 219](#) - Guidebook for Deploying Zero Emissions Transit Buses
 - [Report 211](#) - Guidebook for Detecting and Mitigating Low-Level DC Leakage and Fault Currents in Transit Systems

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 03-51](#) - Electric Aircraft of the Horizon -- An Airport Planning Perspective
 - [BTSCRPTBS-10](#) - E-Scooter Safety: Issues and Solutions
 - [NCHRP Synthesis 20-05/Topic 52-13](#) - Micromobility Policies, Permits, and Practices
 - [NCHRP Synthesis 20-05/Topic 53-08](#) - Strategies and Programs For Electric Vehicle Charging
- [Upcoming Projects](#)
 - [ACRP 10-33](#) - Incorporating Emerging Ground Access Technologies at Airports
 - [NCHRP 19-21](#) - Revenue Generation Models for Electric Vehicles: In-Road and Roadside Charging
 - [TCRP E-14](#) - Electric Bus Fire Prevention and Risk Management
 - [TCRP H-61](#) - Resilience and Emergency Response Planning for Zero-Emission Fleets

Reports from the [National Academies Press](#) on Electric Vehicles

- [The Future of Electric Power in the United States](#)
- [Assessment of Technologies for Improving Light-Duty Vehicle Fuel Economy—2025-2035](#)
- [Powering the U.S. Army of the Future](#)
- [Enhancing Federal Clean Energy Innovation](#)

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- [Communications, Cyber Resilience, and the Future of the U.S. Electric Power System](#)
- [Models to Inform Planning for the Future of Electric Power in the United States](#)
- [Reducing Fuel Consumption and Greenhouse Gas Emissions of Medium- and Heavy-Duty Vehicles, Phase Two](#)
- [Frontiers in Thermal Transport and Energy Conversion](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

TRB Standing Committees – Search by transportation mode and committee topic

- [AMS30](#) - Transportation Energy
- [AMS40](#) - Alternative Fuels and Technologies
- [AP020](#) - Emerging and Innovative Public Transport and Technologies
- [AP050](#) - Bus Transit Systems
- [AR030](#) - Railroad Operating Technologies

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

Project Panels

- [DA0351](#) - Electric Aircraft on the Horizon -- An Airport Planning Perspective
- [SN5308](#) - Strategies and Programs For Electric Vehicle Charging

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.)

[American Society of Civil Engineers \(ASCE\) Geo-Congress 2022*](#)

March 20-23, 2022

Charlotte, NC

[Conference on Sustainability and Emerging Transportation Technology](#)

May 31-June 2, 2022

Irvine, CA

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

September 12, 2022

Online

[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

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- **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