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TRB TRANSPORTATION RESEARCH BOARD

Transportation Research Thesaurus (TRT) Advisory Group Updates

E0007

Transportation Librarians Roundtable

Andy Everett, TRT Advisory Group Chair, Washington State DoT

Bill McLeod, TRIS Manager

OCTOBER 8, 2026

Agenda

- Outcomes of 2025/2026 Quarterly Meetings
- TRT Projects
- Friending the TRT Asdvisory Group
- TRT Home Page
- Suggesting a Term

2025 Q4

The subcommittee approved the following changes.

Preferred term changes to remove parentheticals

Old Term	New Term
Car distribution (Railroads)	Railcar distribution
Car interchange (Railroads)	Railcar interchange
Car pooling (Railroads)	Railcar pooling
Car rentals (Railroads)	Railcar rentals
Car shops (Railroads)	Railcar shops
Car shortages (Railroads)	Railcar shortages
Car supply (Railroads)	Railcar supply
Car trucks (Railroads)	Railcar trucks
Car utilization (Railroads)	Railcar utilization

- 130 additional parenthetical terms renamed.

Plus, the following:

- Reproduction (Biology) *changed to* Biological reproduction
- Culture (Social sciences) *changed to* Cultural factors
- Dolphins (Piles) *changed to* Dolphins
 - NPTs added: Mooring dolphins, Berthing dolphins, Fixed dolphins, Floating dolphins, Protective dolphins. RTs added: Docking; Support piles
- Flow control (Air traffic control) *changed to* Air traffic flow management
 - NPTs added: Air traffic flow and capacity management
- Impregnation (Engineering) *changed to* Impregnated materials
- Indicators (Instruments) *changed to* Instrument panel indicators
- Cells (Biology) changed to Biological cells
- Equilibrium (Mechanics) *changed to* Mechanical equilibrium

Terms deprecated

- Aprons (Wharves)
- Elevators (Airplanes)
- Transit sheds (Wharves)
- Erection (Building)
- Governors (Devices)
- Cells (Measuring devices)
 - Narrower term Load cells merged with other instance of Load cells in hierarchy
- 121 NPT with parentheticals deprecated

2026 Q1

The subcommittee approved the following changes.

Preferred Term Changes

Old Term	New Term
Aging (Materials)	Material aging
Catenaries (Railroads)	Catenary wires
Embedment (Building)	Embedment
Heating (Structures)	Building heating
Heating (Vehicles)	Vehicle heating
Jacketing (Strengthening)	Jacketing
Lenses (Optics)	Optical lenses
Loops (Control systems)	Control loops
Pitch (Materials)	Hydrocarbon pitch
Plans (Drawings)	Plans
Progression (Mathematics)	Mathematical progression
Red interval (Traffic signal cycle)	Red clearance interval
Retarders (Chemistry)	Chemical retarders
Shielding (Tunneling)	Shield tunneling method
Shields (Tunnels)	Tunnel shields
Slip (Fluid mechanics)	Slip boundary conditions
Substrates (Waterways)	Aquatic substrates
Temperature control (Structures)	Building temperature control
Temperature control (Vehicles)	Vehicle climate control system
Transport properties (Physics)	Transport properties
Warrants (Police operations)	Judicial warrants
Wind factor (Air navigation)	Wind factor
Windows (Buildings)	Windows

New terms

- Mental workload
 - NPT: Cognitive load
 - RTs: Task analysis; Driver performance; Mental condition
- Eye tracking
 - RTs: Eye movements; Eye fixations; Driver monitoring
- Property damage
 - RTs: Allisions; Crashes
- Time to collision
 - NPT: Time to crash; RTs: Stopping distance; Traffic conflicts; Surrogate safety measures; Crash avoidance systems
- Carbon fiber reinforced polymers
 - NPTs: CFRP; Carbon fiber reinforced plastics; RT: Carbon fibers
- Cargo bicycles
 - NPT: Cargo bikes ; RTs: Urban goods movement; Delivery vehicles
- Willingness to pay

Terms deprecated

- Attenuation (Electricity)
- Convection (Fluid mechanics)
- Firemen (Locomotives)
- Lenses (Geology)
- Lift gates (Locks)
- Metering (Air traffic control)
- Splitting (Communications)
- Work (Mechanics)
 - Child terms moved to be under Energy

2026 Q2

The subcommittee approved the following changes.

Preferred Term Changes

Old Term	New Term
Water transportation	Marine transportation
Catenaries (Railroads)	Catenary wires
Embedment (Building)	Embedment
Heating (Structures)	Building heating

New terms

- Structural damage
 - RT added to “Structural deterioration and defects”
- Post encroachment time
- Ground motion
- Autonomous ships
 - Autonomous vehicles added as Related Term.
 - NPT Autonomous vessels added
- User experience
- Usability
 - RT User Interfaces Added

Terms deprecated

- Attenuation (Electricity)
- Convection (Fluid mechanics)
- Firemen (Locomotives)
- Lenses (Geology)
- Lift gates (Locks)
- Metering (Air traffic control)
- Splitting (Communications)
- Work (Mechanics)
 - Child terms moved to be under Energy

2026 Q3

The subcommittee approved the following changes.

Preferred Term Changes

Old Term	New Term
Heaving (Ship motion)	Ship Heave
Plugs (Fillers)	Plugs
Relocation (Facilities)	Relocation
Representative samples (Statistics)	Representative samples
Hunting (Dynamics)	Hunting oscillation*
Suspensions	Driver license suspension**
Sets	Mathematical sets
Attenuation (Engineering)	Attenuation

*Term rename at Vehicles and equipment > Vehicle dynamics > Train track dynamics > Hunting oscillation

** Moved to Management and organization > Policy, legislation and regulation > Licensing > Driver licensing > Driver license suspension

New terms

- Electric vehicle charging stations
 - NPT: EV charging stations; RT: Electric vehicle charging, Refueling
- Digital transformation
 - NPT: Digitalization
- Advanced air mobility
 - NPT: Advanced aerial mobility; RT: Urban air mobility; VTOL aircraft; Electric aircraft
- Automobile dependency
 - NPTs: Automobile dependence, Car dependence, Car dependency
 - RTs: “Captive riders,” “Transportation equity”
- Biochar
 - RT: Biomass

Terms deprecated

- Hunting (Dynamics) –
 - Deprecated version with this hierarchy: Physical phenomena > Mechanics > Dynamics > Motion > Rotation > Yaw > Hunting (Dynamics). Reindexed to identical term at Vehicles and equipment > Vehicle dynamics > Train track dynamics > Hunting (Dynamics)Convection (Fluid mechanics)
- Injection (Geology)
- Logging (Recording) – Reindexed to Data logging
- Representative samples (Testing) - Reindexed to Samples
- Continuum (Mathematics)
- Attenuation (Physics) – Merged with Attenuation (Engineering)

Added to Proposed Terms List

- Digital delivery
- Commercial driver licenses

Taskforces for 2026

- Parenthetical Project
 - Continue project eliminate parentheticals that do not conform to standards regarding Homographs
- Medical terms
 - A new taskforce has been working on revamping the Medicine. Health and Pathology facets. As part of this Andy took on a review of the Disciplines facet. Moving Mathematics within the Disciplines facet. Currently a Top term
- Systems
 - We have a plan to look at System related terminology holistically. Taskforce is yet to meet
- Principles
 - For 2027, a group will review the updates to ISO 25964 that are currently under review and make updates to the principles. The ANSI/NISO and ISO 25964 have not been updated in some time.

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William McLeod - Log Out

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A "friend of a committee" is someone who can attend committee meetings and participate in the same activities as committee members. In addition, friends who actively contribute to committee activities may be considered for membership. Examples of committee activities include:

- Exchange information about best practices, professional development, networking, and mentoring.
- Peer review papers for the TRB Annual Meeting.
- Peer review papers for the Transportation Research Record.
- Plan lectern and poster sessions at the TRB Annual Meeting.
- Author or contribute to TRB publications.
- Plan TRB webinars.
- Draft research needs statements and problem statements for TRB projects.
- Hold committee meetings at the TRB Annual Meeting.
- Plan specialty conferences.

[Submit Changes](#)

Committee Code	Committee Name	Start Date	End Date	Action
+ A000(4)	Young Participants Council			Become a Friend
+ ACD11	Standing Technical Committee on Integrated Transportation Safety Management			Become a Friend

- Log into your [MyTRB](#) account
- Go to Self-Service>Manage Committee Friendships
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TRT Home Page

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Welcome to the TRT



The Transportation Research Thesaurus (TRT) is a tool to provide a common and consistent language between producers and users of transportation information. The TRT covers all modes and aspects of transportation. Terms are arranged in hierarchies under 21 top concepts.

You can search the TRT by keyword, or browse alphabetically and by hierarchy. Click on any term to view its relationships (broader, narrower, and related terms) and to find records indexed with that term in TRB's TRID, Research in Progress (RIP) and Publications Index databases.

Resources

- The TRT: Your Multi-Tool for Finding and Organizing Transportation Information
- Super Searching with the TRT
- Keywords for the Technical Report Documentation Page: Let the TRT Help
- About TRB's Transportation Research Information Services (TRIS)
- TRID--the TRIS and ITRD Database
- Research in Progress (RIP) Database
- TRB Publications Index
- TRIS Databases: Documentation & Training Materials

Search

Begin typing. You may use AND and OR

Browse

Hierarchical	Alphabetical
Facilities (27)	
Information, data, and knowledge (6)	
Management and organization (21)	
Materials (2)	
Mathematics (10)	
Organizations (9)	
Persons and personal characteristics (18)	
Physical phenomena (11)	
Planning and design (6)	
Safety and security (12)	
Testing (11)	
Time (7)	
Transportation (7)	
Transportation operations (13)	
Vehicles and equipment (7)	

Recently Added Terms

- Biochar
- Automobile dependency
- Advanced air mobility
- Digital transformation
- Electric vehicle charging stations
- Usability
- User experience
- Autonomous ships
- Ground motion
- Post encroachment time

- <https://trt.trb.org/>
- Check the 'Recently Added Terms' box to see the 10 most recently added terms
- Check 'Resources' for short videos on using the TRT.
- New series of short videos on searching TRID/RIP includes using the TRT
<https://vimeo.com/showcase/12180779>

Help us Improve the Transportation Research Thesaurus!

- <https://trt.trb.org/suggest-terms>
- Lend us your Subject Matter Expertise!

Transportation Research Thesaurus (TRT)

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Suggest New TRT Terms

Use the form below to suggest up to 5 new terms for inclusion in the Transportation Research Thesaurus. Use the comment box to include any information supporting the request for the new term such as a citation or source and to recommend where the new term should appear in the hierarchy.

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Questions?
Comments?



Thank you for
your time!