TRB RESEARCH NEEDS STATEMENTS (RNS) DATABASE

The Transportation Research Board's (TRB) Research Needs Statements (RNS) Database is a dynamic collection of research needs statements developed and approved by the standing committees in TRB's Technical Activities Division. As such, the database reflects the high priority research needs at any given time. The collection of research needs statements are augmented and kept up to date by the TRB standing committees as part of their regular portfolio of activities.

The database provides a shopping list for researchers and practitioners in the transportation community who fund and conduct transportation research, including TRB's cooperative research programs, federal agencies, state departments of transportation, university faculty and students, consultants, and others. The database provides a national and global perspective on the research needs in many different areas, and should be considered as a source for timely and critical research topics by university professors and student researchers.

Research needs statements can be searched through simple or advanced query screens, or browsed by committee or subject. Interested individuals can also subscribe to the database to receive monthly e-mail messages whenever new research need statements are posted in selected categories. Individuals can subscribe, or change categories of interest, by entering their email address on the research needs statements database Subscribe/Unsubscribe page at rns.trb.org/subscribe.asp

The RNS Database can be accessed on TRB's website at: rns.trb.org

An excellent resource for identifying research funding is also available online at: www.trb.org/ResearchFunding/Public/ResearchFunding.aspx

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A summary of currently posted research needs statements follows* *(as of 12.09.20).*

Subject Areas	RNS
Administration and Management	136
Aviation	59
Bridges and other structures	127
Construction	220
Data and Information Technology	214
Design	424
Economics	106
Education and Training	69
Energy	34
Environment	124
Finance	88
Freight Transportation	85
Geotechnology	70
Highways	944
History	13
Hydraulics and Hydrology	29
Law	29
Maintenance and Preservation	114
Marine Transportation	48
Materials	124
Motor Carriers	45
Operations and Traffic Management	312
Passenger Transportation	60
Pavements	156
Pedestrians and Bicyclists	168
Pipelines	9
Planning and Forecasting	337
Policy	118
Public Transportation	207
Railroads	59
Research	76
Safety and Human Factors	414
Security and Emergencies	47
Society	80
Terminals and Facilities	64
Transportation (General)	93
Vehicles and Equipment	112

* Note: a single RNS can be assigned to more than one subject area