



Research Needs Statements

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

A summary of currently posted research needs statements follows.



TRANSPORTATION RESEARCH BOARD

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

1300 statements in the following subject areas have been posted to date*.

Subject Areas	RNS
Administration and Management	131
Aviation	63
Bridges and other structures	126
Construction	245
Data and Information Technology	199
Design	420
Economics	104
Education and Training	68
Energy	32
Environment	118
Finance	94
Freight Transportation	83
Geotechnology	73
Highways	937
History	14
Hydraulics and Hydrology	28
Law	25
Maintenance and Preservation	101
Marine Transportation	32
Materials	122
Motor Carriers	45
Operations and Traffic Management	300
Passenger Transportation	57
Pavements	157
Pedestrians and Bicyclists	158
Pipelines	10
Planning and Forecasting	325
Policy	108
Public Transportation	222
Railroads	62
Research	76
Safety and Human Factors	394
Security and Emergencies	42
Society	76
Terminals and Facilities	68
Transportation (General)	82
Vehicles and Equipment	107

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

Questions about statements in the RNS Database or how to access the RNS Database should be directed to: James W. Bryant, Jr., Ph. D., P.E. Senior Program Officer Transportation Research Board 202-334-2087 Jbryant@nas.edu	General questions or comments about the RNS Database should be directed to: Bill McLeod TRIS Manager Transportation Research Board Tris-trb@nas.edu
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