



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

A summary of currently posted research needs statements follows.



TRANSPORTATION RESEARCH BOARD

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Over 1200 statements in the following subject areas have been posted to date*.

Subject Areas	RNS
Administration and Management	120
Aviation	60
Bridges and other structures	113
Construction	237
Data and Information Technology	185
Design	420
Economics	98
Education and Training	70
Energy	26
Environment	91
Finance	99
Freight Transportation	76
Geotechnology	66
Highways	918
History	6
Hydraulics and Hydrology	27
Law	18
Maintenance and Preservation	94
Marine Transportation	18
Materials	118
Motor Carriers	44
Operations and Traffic Management	300
Passenger Transportation	53
Pavements	157
Pedestrians and Bicyclists	143
Pipelines	11
Planning and Forecasting	312
Policy	96
Public Transportation	221
Railroads	50
Research	79
Safety and Human Factors	370
Security and Emergencies	39
Society	75
Terminals and Facilities	68
Transportation (General)	65
Vehicles and Equipment	100

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

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

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