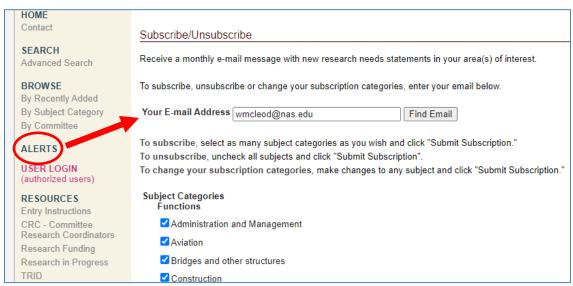# Research Needs Statements

TRB RESEARCH NEEDS STATEMENTS (RNS) DATABASE
rns.trb.org

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.

Set Up Monthly Alerts!
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

NATIONAL ACADEMIES Sciences Engineering Medicine

TRB TRANSPORTATION RESEARCH BOARD

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* *(as of 12.03.21).*

Subject Areas	RNS
Administration and Management	143
Aviation	111
Bridges and other structures	141
Construction	219
Data and Information Technology	216
Design	444
Economics	107
Education and Training	68
Energy	45
Environment	186
Finance	86
Freight Transportation	85
Geotechnology	74
Highways	965
History	15
Hydraulics and Hydrology	28
Law	32
Maintenance and Preservation	119
Marine Transportation	56
Materials	131
Motor Carriers	43
Operations and Traffic Management	320
Passenger Transportation	59
Pavements	156
Pedestrians and Bicyclists	181
Pipelines	8
Planning and Forecasting	348
Policy	121
Public Transportation	215
Railroads	65
Research	69
Safety and Human Factors	424
Security and Emergencies	52
Society	79
Terminals and Facilities	84
Transportation (General)	92
Vehicles and Equipment	126

* 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: **Stephen F. Maher** Deputy Director, Technical Activities Division Transportation Research Board Email: smaher@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