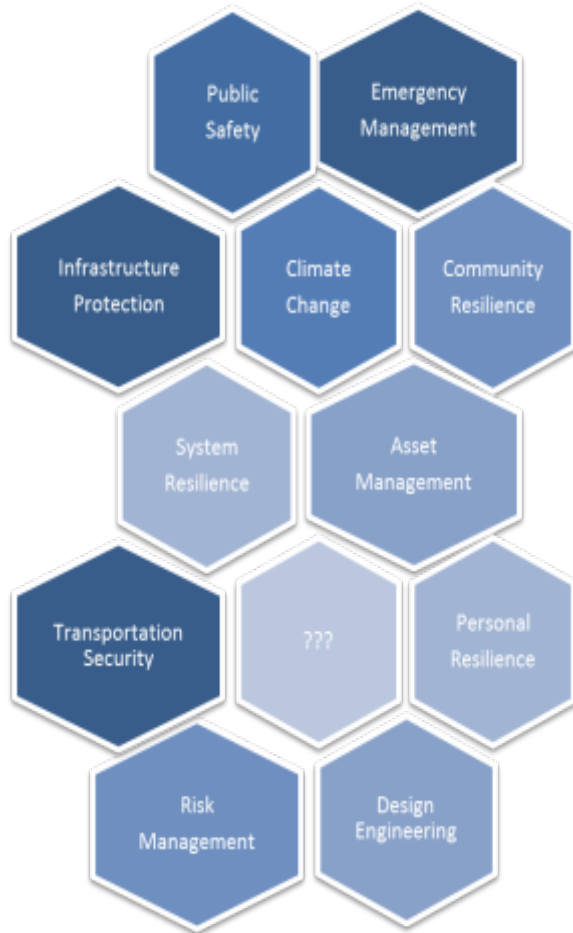




Resilience at TRB

Networks Ecology Disasters Engineering
Resistance Sustainability Asset Management
Recovery Communities Psychology

Cooperative Research Programs



Number of Research Projects:

- 39** Airport (ACRP)
- 7** Hazardous Materials (HMCGRP)
- 3** Freight (NCFRP)
- 60** Transit (TCRP)
- 114** Highway (NCHRP)
- 1** Commercial Truck & Bus Safety Synthesis

Completion Years 2002-2019
5 Projects Cancelled

TRB Publications about Security and Emergencies

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Slideshow summary:

- TRB's pre- and post-September 11, 2001, transportation security and resilience activities
- Updated monthly by Stephan Parker



<http://www.trb.org/SecurityEmergencies/Public/TRBPublications.aspx>

NCHRP 20-117

Deploying Transportation Resilience Practices in State DOTs

Funds: \$1,000,000

Period: 2 years

- (1) developing A Transportation Resilience Guide and Toolkit (with associated model curricula); and
- (2) national summit and peer exchange on transportation resiliency

Technical Activities

Section on Transportation Systems Resilience

Chair, Tom Wakeman

Vice Chair, John Contestabile

2014-2016 Accomplishments – Building for Success

- Established Section and Committees
- Evaluated Industry Resilience Activities
- Wrote Strategic Plans
- Sessions, webinars, conferences, workshops
- Approved Communication Plan

Resilience Section

- Critical Transportation Infrastructure Protection (ABR10)
Chair, Laurie Radow
- Logistics of Disaster Response and Business Continuity (ABR20)
Chair, Ann Strauss-Weider
- Emergency Evacuation (ABR30)
Chair, Brian Wolshon

Technical Activities

A lot of Committee Activities around Subjects of Resilience

Subjects:

- Sustainability
- Asset Management
- Climate Change & Energy
- Health and Transportation
- Cybersecurity
- Security of the Modes

**Not enough information
exchanged between
committees**



Communication Plan is Part of the Solution

Resilience Section: 2017

- White Paper: Role of Transportation in Community Resilience
- Implement Communication Plan
- TR News Resilience Edition (July)
- Membership –
 - Model after NAS ResilientAmerica Roundtable
 - Convener for All Modes of Transportation
- Update Triennial Strategic Plans
- Support Strategic Partners with Research Needs

TRBAM17 – Resilience Track

76 Events on Security, Emergency Management, and Resilience

- 44 Sponsoring and Co-sponsoring committees
- 25 Hot-topic sessions curated