

National Transportation Knowledge Network: An Overview

2019 AASHTO National RAC/TRB State Reps Meeting

July 22-25

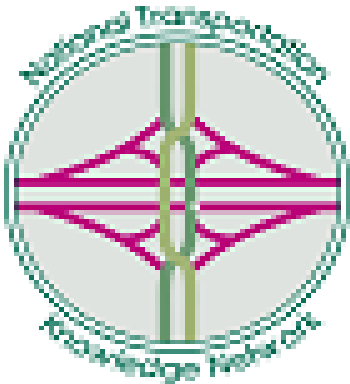
Santa Fe, New Mexico

Bob Sweet

NTKN Secretariat

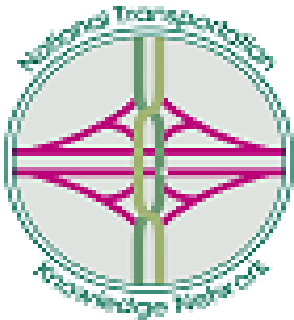
bsweet@umich.edu

<https://transportation.libguides.com/NTKN>



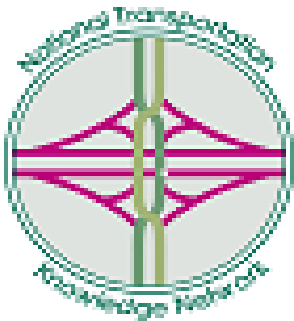
What Is NTKN?

The National Transportation Knowledge Network (NTKN) is a voluntary alliance of transportation organizations, which supports a network of transportation information professionals, who collaborate to expand, improve access to, and preserve the domain of transportation knowledge. The purpose of NTKN is to coordinate with transportation research centers, transportation libraries, information providers, and technical assistance centers to develop a comprehensive transportation information and knowledge network that supports the activities of its members.



What is a Knowledge Network?

A knowledge network is an ecosystem of information and knowledge professionals, the organizations that they serve, and the knowledge assets for which they are responsible. These professionals are motivated by a commitment to generate, disseminate, and share knowledge within a particular domain. The nodes on the network are spatially and geographically distributed and could be individuals, libraries, research departments, entire organizations, or web-based tools and resources. Connections among the network nodes can be social, formal, or technological. The term can be extended to include concepts, semantic relationships, data tables, and other machine-readable knowledge assets or components. Goals of a knowledge network include coordination of resources and efforts; teaching and learning; developing knowledge assets; innovating methods, tools, and services; adapting knowledge assets for local use; and supporting individual members.

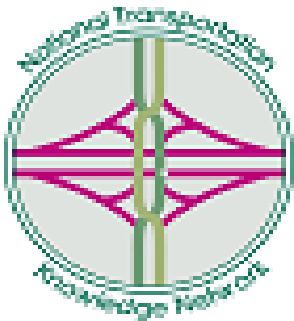


Transportation Knowledge Infrastructure

What is our grade?

NTKN is the only entity committed to ensuring an A+.

So many ways for you to get involved.



NTKN History

Minneapolis 2001

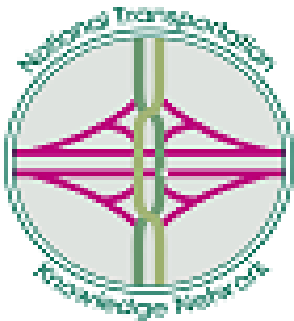
Midwest Transportation Libraries Library Consortium

Three regional TKNs

Transportation Knowledge Networks: A Management Strategy for the 21st Century. TRB SR 284

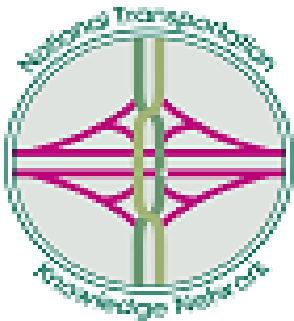
Transportation Knowledge Networks 10 Years after TRB Special Report 284. AASHTO white paper

Implementing Transportation Knowledge Networks. NCHRP 643



A Bigger Tent

Our challenge: to broaden our membership to include as broad a range of transportation knowledge-and-information professionals as possible.



NTKN's Organizational Structure

NTKN Coordinating Committee; chair is NTL director or director's designate

Regional chairs and executive committees

National (central) governance

Secretariat

Working groups

Communications

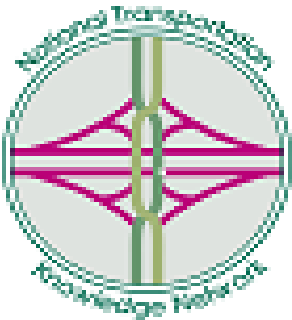
Education and professional development

Directory

Recruitment

Cooperative digitization

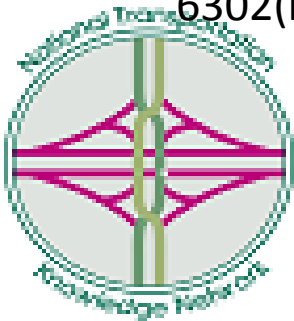
508 compliance/document accessibility



NTL's Legislative Mandate

49 U.S.C. 6304(a)(8), Moving Ahead for Progress in the 21st Century Act, 2012

To support the information management and decisionmaking needs of transportation officials at the Federal, State, and local levels, there is established in the Bureau a National Transportation Library which shall— coordinate efforts among, and cooperate with, transportation libraries, information providers, and technical assistance centers, in conjunction with private industry and other transportation library and information centers, with the goal of developing a comprehensive transportation information and knowledge network that supports the activities described in section 6302(b)(3)(B)(vi).



NTKN's Partners

Eastern Transportation Knowledge Network

Midwest Transportation Knowledge Network

Western Transportation Knowledge Network

AASHTO RAC CCTF TKN Working Group

TRB Information Services

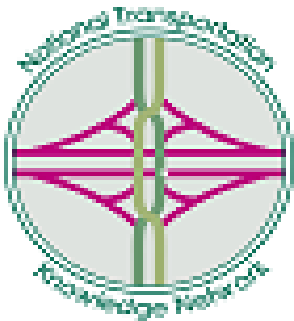
AASHTO Information Services

Special Libraries Association Transportation Division

Transportation Research Board Library and Information Science for

Transportation Committee

National Transportation Library



Products/Activities

Resource guides

Knowledge and Information Professionals Directory

http://transportation.libwizard.com/know_info_pros

Librarian's Toolkit (to be updated)

Literature searches

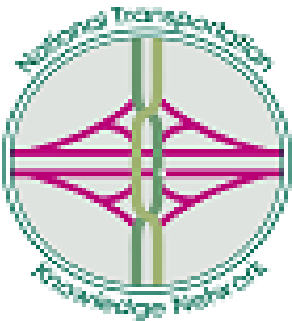
Webinars and professional training

Communications and outreach

Partnerships and alliances; interpersonal networking

Preservation of historical and scholarly record

Copyright and IP advice



Tools

Literature (books, reports, serials)

Public access

Persistent identifiers (ORCID, DOIs)

Bibliographic databases

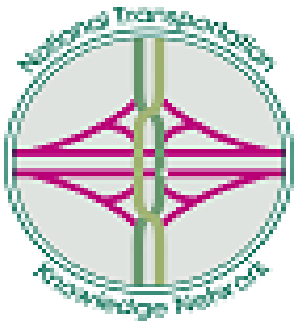
Social media

Interpersonal networking

Social media

Shared subscriptions and licensing
digitized collections

Email lists



Join us!

Help us build the transportation knowledge infrastructure
<https://transportation.libguides.com/NTKN>.

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