August 30, 2018

AASHTO Summer RAC Meeting Debrief

Jen Harper, Renée McHenry, & Mary Moulton

https://transportation.libguides.com/TLR

Audio call-in number: 877-336-1274; Access code: 5759713

AASHTO Summer RAC Meeting Debrief

Transportation Librarians Roundtable – August 30, 2018

Jen Harper & Renée McHenry, Missouri Department of Transportation

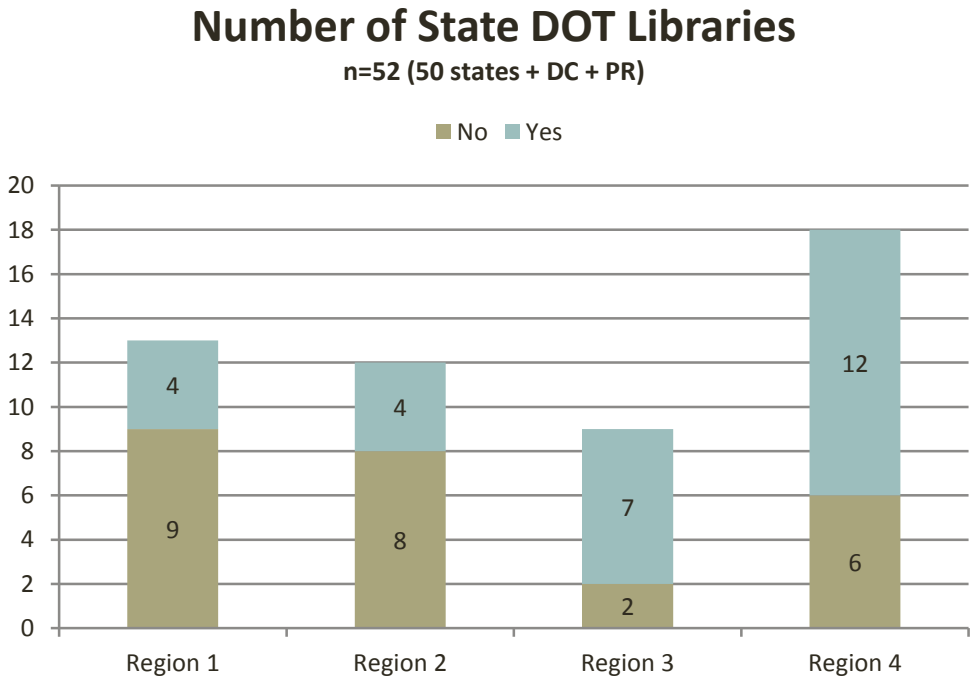
Mary Moulton, National Transportation Library

TPF-5(181) Research Program Management Database Requirements

- Recently completed final phase of a multi-stage pooled fund project
- The original goal was to adapt a research database at Caltrans for use by other states.
- Emphasis shifted to documenting business requirements for research management databases
- Products of this study can be used by agencies seeking to enhance their research databases
- A recommended next step is to create a research project data exchange standard building on information in TRB and FHWA research databases and additional items of interest to DOTs.
- The final research products have been posted to the AASHTO RAC RPPM website at https://rppm.transportation.org/outresearch/Lists/Project%20and%20Program%20Databases%20List/list.aspx
- Includes 1) RPMD Project Briefing to AASHTO RAC, 2) Research Management Database Business Analysis final report, 3) a spreadsheet of RPMD Requirements and 4) a folder of the data models prepared through the project.
- For more information, please contact Frances Harrison, Spy Pond Partners, fharrison@spypondpartners.com

State DOT Libraries: A Disappearing Act?

- 52% (27) state DOTs have libraries; 48% do not (25)
- 50% loss of State DOT librarians or libraries or both from 2005 to 2018 (based on TPF(105) library pooled fund member list)



Causes and Effects

- Causes
  - Change in staffing, funding, priorities, upper management support, value of service not well articulated or understood
- Effects on organization
  - Lose centralized KM function, unique or irreplaceable content, ability to deliver knowledge resources to stakeholders and continuity
  - How will it create or implement effective information and knowledge management strategies or facilitate knowledge transfer?
  - How will it comply with federal mandates for information management and public access?
- Effects on research unit
  - Who absorbs the functions and roles?
  - Potential to affect quality of research projects and cause duplication of research efforts

Possible Remedies?

- Create practice-ready how-to information for research managers
  - Future peer exchange opportunity?
- Develop an educational campaign that would inform and teach decision makers what libraries area and what librarians do in 2018
  - Include documentation to combat the belief that “everything’s on the Internet”
- Investigate new library models and roles
  - Study opportunity via NCHRP problem statement or library pooled fund group project
  - Look at nomenclature (would other names help us?)
- Measure and communicate the value of library services as value on investment (VOI) instead of return on investment (ROI)
- Survey research managers to assess their current mindset
  - What are their perceptions of libraries and librarians?
  - How have closed libraries affect their operations or agency?

NTL Overview

ROSA P: NTL's Repository and Open Science Repository

ASSESSMENT and IMPACT

PUBLIC ACCESS

KNOWLEDGE NETWORK SUPPORT

United States Department of Transportation

Bureau of Transportation Statistics

National Transportation Library

Home | Collections | Recent Additions | Public Access | Submit Content | About *ROSA P*

rosap Repository & Open Science Access Portal

All Collections

Enter keyword or phrase...

Search

Advanced Search

BTS Products

Pocket Guide to Transportation 2018

2017 TSAR

USDOT Intelligent Transportation Systems

NHTSA - Behavioral Safety Research

BTS Products

USDOT Bureau of Transportation Statistics collection of statistical reports and data products

View this collection >>

View Archive

Put a ROSA P badge on your website

National Transportation Library

Repository &

Recently Added

States' Successful Practices Weigh-in-

Most Popular

Updating the school bus standard vehicle for load

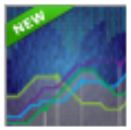
Collections in ROSA P

rosap
Repository & Open Science Access Portal

All Collections | Enter keyword or phrase... | Search | Advanced Search

Collections

Collections present information about a shared topic. More collections will be added in the coming months, so return to this site to see what's new.



BTS Products
Statistical reports & data on US transportation systems, including impacts on economy, society & environment.

Federal Transit Administration - 60th Anniversary Document ...
Historical resources digitized to celebrate the 50th anniversary of the Federal Transit Administration

Intelligent Transportation Systems Joint Program Office Dig...
Reports from the USDOT Intelligent Transportation Systems Joint Program Office (ITS JPO) research program.

NHTSA - Behavioral Safety Research
Reports from the National Highway Traffic Safety Administration Behavioral Safety Research program

US DOT Public Access Data Management Plans
Example DMPs for Public Access research.

US Transportation Collection
US Transportation Collection

USDOT Libraries

Volpe National Transportation Systems Center, Technical Ref...
Reports from the Volpe National Transportation Systems Center Library

USDOT Operating Administrations

Federal Motor Carrier Safety Administration
Federal Motor Carrier Safety Administration (FMCSA) reports and resources.

Federal Highway Administration
Reports and resources from the Federal Highway Administration (FHWA).

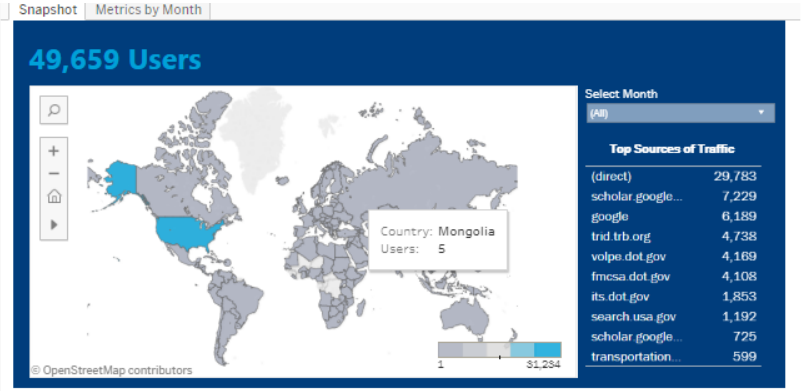
Historical Collections

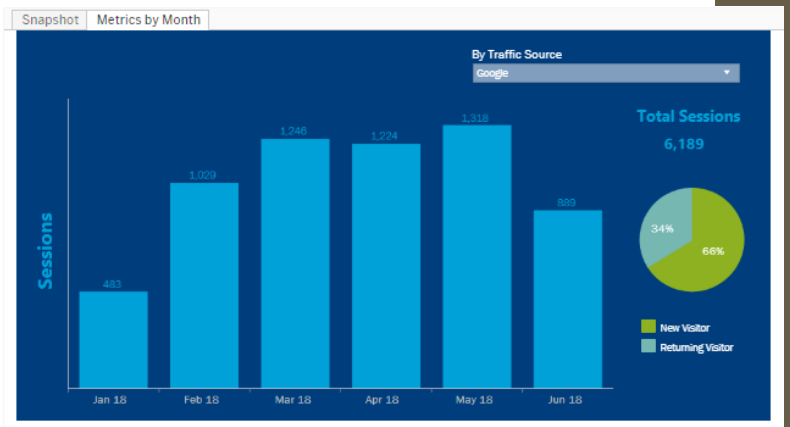
Investigations of Aircraft Accidents 1934-1966
US "Civil Aeronautics Board Aircraft Accident Reports," searchable by airline name, site, and date of inciden...

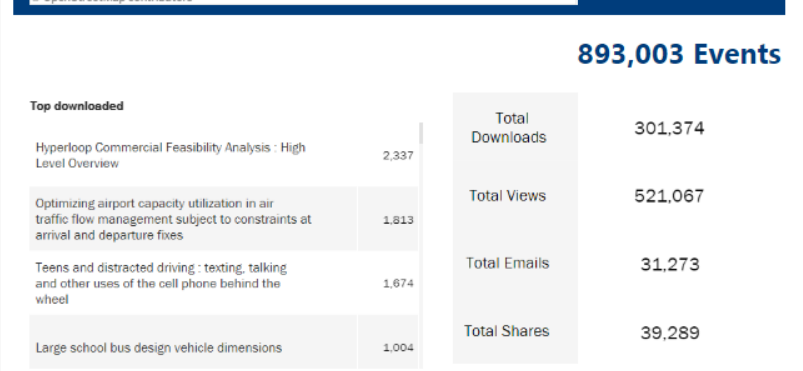
BTS Data Directory
Transportation data resources from USDOT, other Federal government agencies, state, local, and private source...

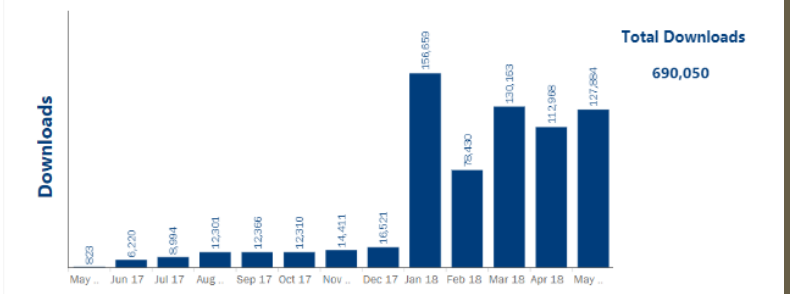
Version 3.3

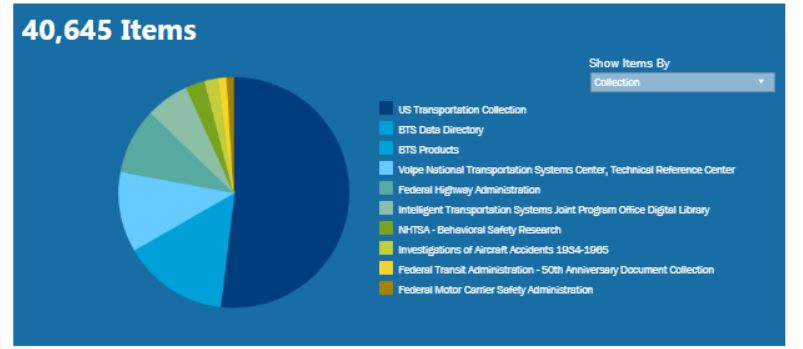
Repository Metrics Dashboard

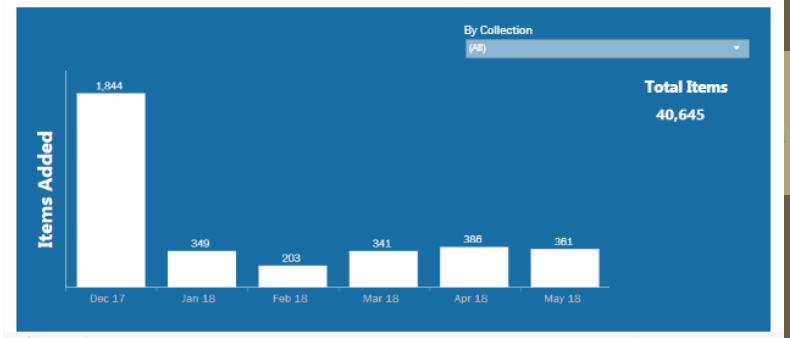












Trustworthiness Assessment: Benefits

- Demonstrate that we are following good practices by providing documentary evidence
- Gain independent insights on how to further increase trustworthiness
- Create a benchmark for comparison by identifying the strengths and weaknesses of a repository
- Build user, depositor and funder confidence in the repository
- Create a solid foundation for future certification

Trustworthiness Assessment: Outcomes

- Updated NTL policies:
  - Collection Development & Maintenance
  - Metadata Policy for Digital Content
  - Metadata Inventory
  - Digital Curation
  - US DOT Public Access
- Comprehensive review of workflow and creation of Standard Operating Procedures
- Application of persistent identifiers: DOI's, ORCiD
- Forthcoming fixity checksum (CDC)
- Forthcoming documentation for technical infrastructure (CDC)

Public Access: NTL's Progress

Task	Status
Outreach on requirements	In place and ongoing
Guidance on DMPs	In place and ongoing
Searchable DMP database	In progress (Coming to ROSA P Summer 2018 – UTC DMPs)
Metadata standards	In place (POD v1.1)
Unique identifiers for data, publications, researchers, and projects	In place or in progress (DOIs, ORCIDs, Project Number)
Become a portal to federal transportation information	In place (ROSA P)

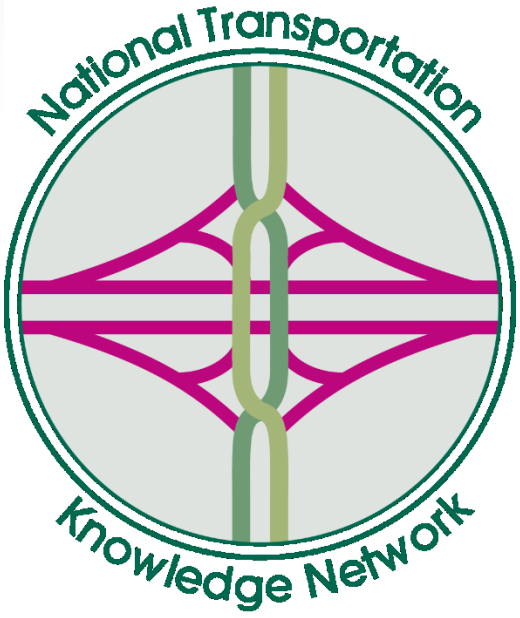
Public Access: Moving Forward

Task	Steps
Web interface for Embargo petitions	Future (LibAnswers or Web Form?)
Enforcement and compliance mechanism	Tracking in records (RiP, RH, ROSA P)
Partner with other agencies, industry, and archives	Conformant Repository Network discussions
Section 508 compliance	Policies, Guidelines, SOPs
Public Access Annual Plan and Guidance Website review	Now underway with PA Core & PAIWG

Public Access: TRB Workshop

- *The Long Engagement: From Writing Data Management Plans to Actually Managing Data*
  - Opportunity to discuss Data Management Plan writing & lessons with USDOT and learn simple data management practices for fulfilling commitments made in DMPs
- TRB Annual Meeting, Sunday, 13 January 2019 from 1:30 a.m. to 4:30 p.m.
- Contact Leighton Christiansen for more information
  - leighton.christiansen@dot.gov
  - 202-366-2759

National Transportation Knowledge Network (NTKN)



NTKN Mission Statement

NTKN leads, supports, and guides the nation's transportation knowledge networks in their efforts to organize, share, and preserve transportation information, data, and knowledge for their stakeholders in the transportation community.

Secretariat

- Bob Sweet; past MTKN Chair & UMTRI Librarian

Ongoing Steps

- NTKN Website Update
- Regional TKN Website & Libguide Migration
- Strategic Plan Annual Review

Next Steps

- Communications Strategy
- Education
- Recruitment

User Guide: NTKN

National Transportation Library

National Transportation Library / LibGuides / NTKN / National Transportation Knowledge Network (NTKN) / Home

National Transportation Knowledge Network (NTKN): Home

Search this Guide | Search

Home | Contact NTKN | Benefits of TKNs | Regional TKNs | Resource Guides | Transportation Research Board Resources

About 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 libraries, information providers, and technical assistance centers to develop a comprehensive transportation information and knowledge network that supports the activities of its members. NTKN members share the commonality of accessible quality information and resources housed in library collections, archives, institutional knowledge bases and systems, data centers, etc., which would be of benefit to the transportation community. Member groups commit to specific activities in support of the association and its work and are expected to participate in decision making, policy development, and governance where possible.

Mission

NTKN leads, supports, and guides the nation's transportation knowledge networks in their efforts to organize, share, and preserve transportation information, data, and knowledge for their stakeholders in the transportation community.

Publications

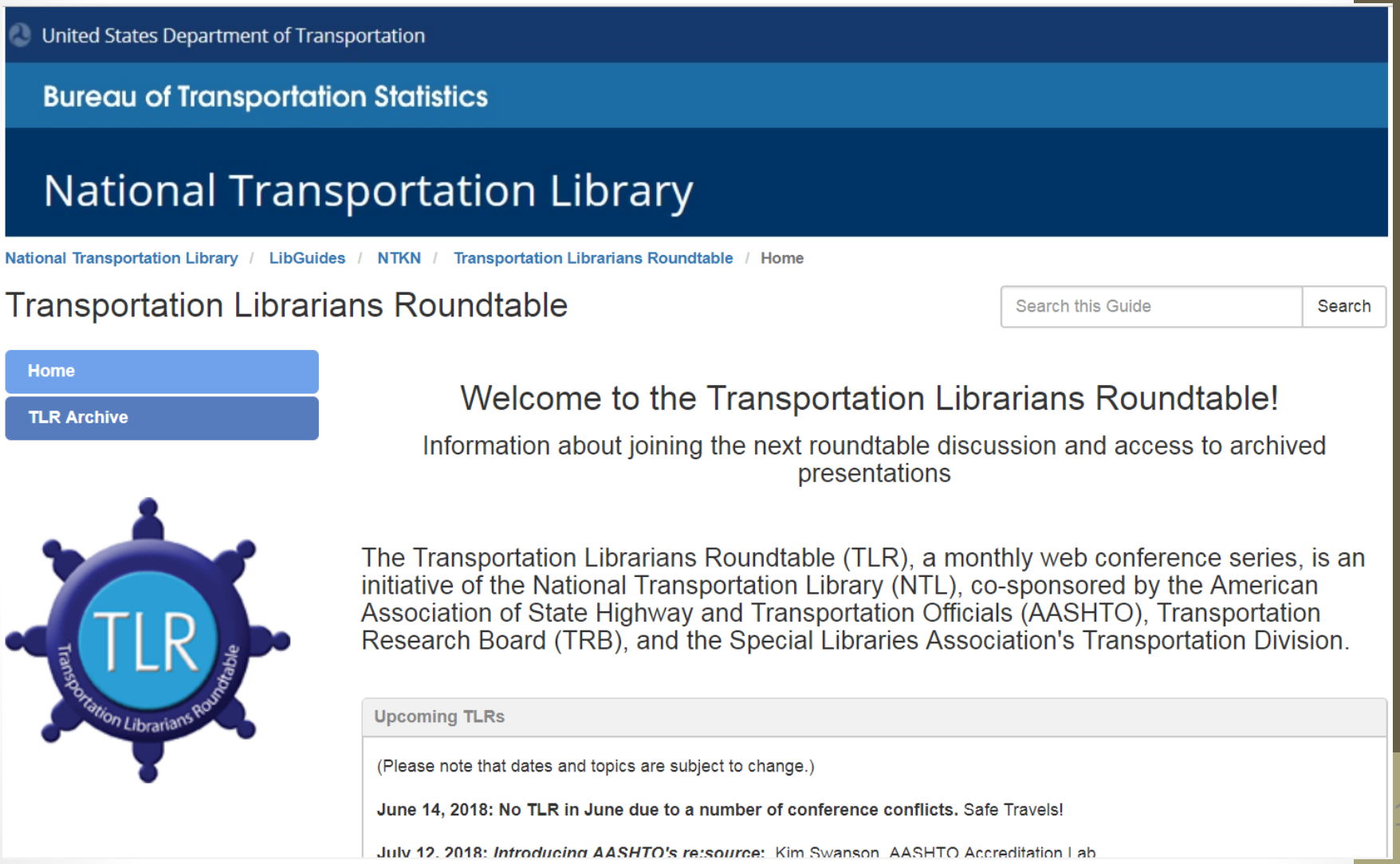
NTKN Guidelines and Governance

NTKN Strategic Plan

Transportation Knowledge Networks 10 Years after TRB Special Report 284

Transportation Knowledge Networks: A Management Strategy for the 21st Century

User Guide: TLR



Thank you for attending!

Join us September 13, 2018:

RSS & Beyond: Current Awareness Tools for Librarians

Allan Barclay & Stephen Johnson, University of Wisconsin Ebling Library

For Past Episodes, Visit the TLR Archive at:

https://rosap.ntl.bts.gov/browse/collections