ROSA P: The National Transportation Library's Repository and Open Science Access Portal

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rosap.ntl.bts.gov

U.S. Department of Transportation
Office of the Secretary of Transportation

About NTL

Established in 1998, NTL provides access to:
- Digital collections
- Data services
- Reference and research services
- Networking

We are an **open access** digital repository.
All items are in the **public domain** and available for reuse **without restriction**.

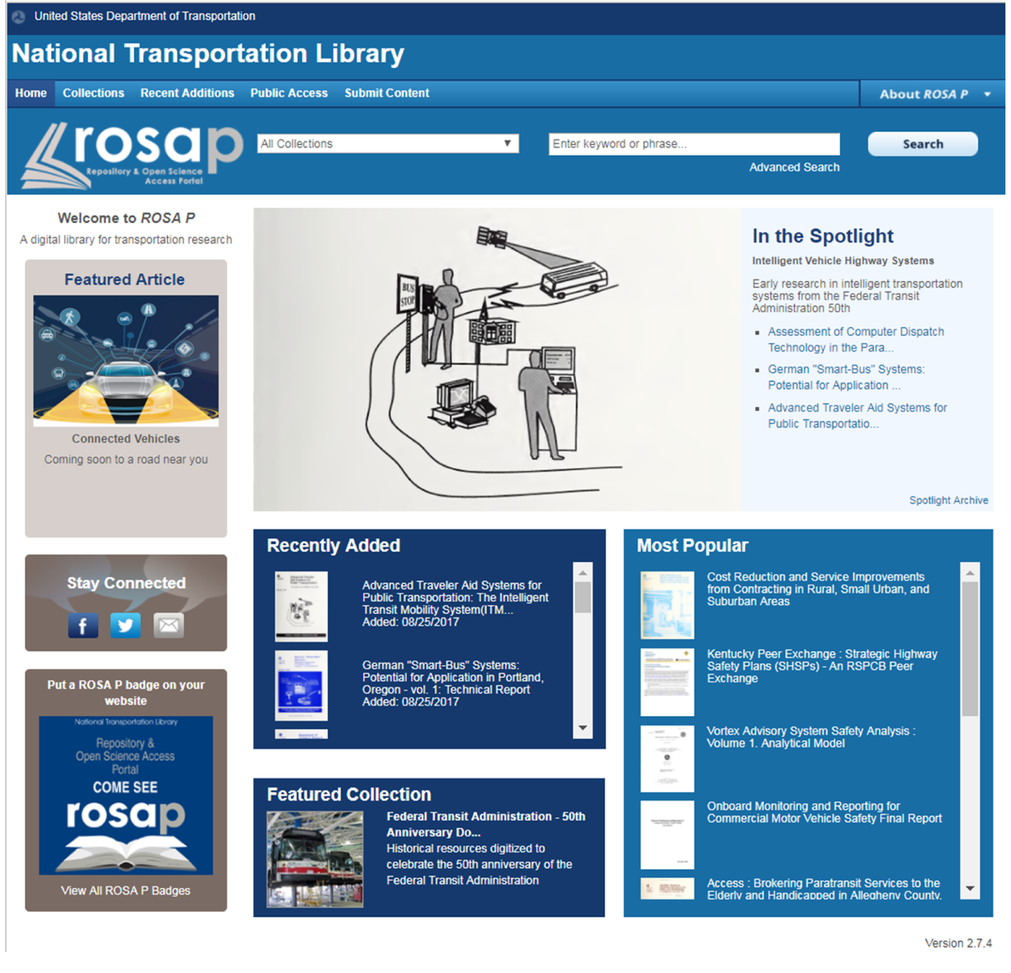
The name ***ROSA P*** was chosen to honor the role that public transportation played in the civil rights movement and also one of the important figures, Rosa Parks.

Rosa Parks on a Montgomery bus on December 21, 1956, the day Montgomery's public transportation system was legally integrated.

By http://www.loc.gov/rr/print/list/083_afr.html#ParksR, Fair use, https://en.wikipedia.org/w/index.php?curid=3034067

Abstract

The National Transportation Library (NTL) was founded as an all-digital repository of US DOT research reports, technical publications and data products. NTL's primary public offering is *ROSA P*, the Repository and Open Science Access Portal. An open access repository hosted by the Centers for Disease Control (CDC), *ROSA P* is designated as the full-text archive for the results of USDOT-funded research under its public access plan. Starting in 2014, NTL worked closely with CDC's team on content migration, training, and the successful move to production. NTL staff re-architected repository metadata to meet Public Access requirements and implemented digital data curation for US DOT funded research results, including the application of digital object identifiers (DOI). Collections in *ROSA P* are available without restriction to transportation researchers, statistical organizations, the media, and the public. *ROSA P* makes NTL's digital collections findable and accessible to users, improves search and discovery, and links data to publications. Additionally, NTL digital resources have improved exposure through specialized search services like Google Scholar.



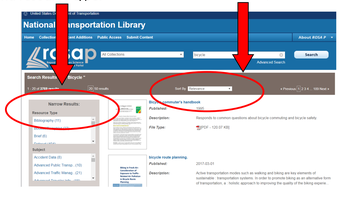
Search Features

Simple search on the home page allows the user to search across all collections by entering a keyword or phrase in the search box. The search is performed on Title, Description, Author Name, Subject, and Full Text.

Change the collection by selecting from the drop down menu.

Search results can be narrowed by subject and resource type.

Search results can be sorted by relevance, date, and title.



Advanced search can be used to search across collections or limit by collection.

Advanced search allows the user to search up to 3 categories: Title, Abstract, Personal Creator, Corporate Creator, Publication Date, DOI, Contract Number, Report Number, and Keywords.

Repository Platform

- Open source CDC STACKS Platform (Islandora/Drupal/Fedora)
- Cloud storage that is stable and responsive
- Compliant with Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH)
- Self-governance using Open Archival Information System (OAIS) model
- Indexing by popular search engines Bing, Google, Google Scholar, and Science.gov
- Future compliance with TrustCoreSeal requirements for trustworthy repositories

Metadata

- Modified Dublin Core
- Minimal cataloging standard that exceeds OCLC K-level
- Current and ongoing revision to facilitate adoption of open data practices
- Actionable, persistent identifiers (DOIs) assigned for long lasting reference to documents and data sets in the repository
- Ability to create "data packages" linking all deliverables of a research project

Collections

Collections present information about a shared topic and can be searched separately from the entire repository.

- US Transportation Collection
- BTS Data Directory
- Intelligent Transportation Systems Joint Program Office
- NHTSA—Behavioral Safety Research
- Federal Transit Administration 50th Anniversary
- Volpe National Transportation Systems Center
- Federal Highway Administration
- Federal Motor Carrier Safety Administration