



trail@10

**TECHNICAL REPORT
ARCHIVE & IMAGE LIBRARY**

A THANK YOU TO GWLA

**PRESENTED BY MALIACA OXNAM (UAZ)
& DAN BARKLEY (UNM, RETIRED)**

Celebratory logo created by Amy Grey at Washington State University Libraries

Mission

**TO ENSURE PRESERVATION, DISCOVERABILITY,
AND PERSISTENT OPEN ACCESS
TO GOVERNMENT TECHNICAL PUBLICATIONS
REGARDLESS OF FORM OR FORMAT**

Value of Technical Report Literature

- **There is value to researchers:**
 - **They communicate research in technology and science**
 - **They deliver information for technical development to industry and research institutions contributing to the continued growth of science and technology**
 - **They contain valuable information serving specialized audiences of researchers**

Common Problems associated with Technical Report Literature

- **Inconsistent or differing dissemination practices**
- **Limited bibliographic access and control**
- **Multi-format collections; across multiple physical locations**
- **Poor quality media distribution; unusable pieces**
- **No title level cataloging – series level records with no holdings**
- **Most not available electronically; nor available through ILL**

Fulfilling the Mission

- **IDENTIFY, ACQUIRE, CATALOG, AND DIGITIZE U.S. GOVERNMENT TECHNICAL REPORTS**
- **PROVIDE UNRESTRICTED ACCESS TO THESE DIGITIZED TECHNICAL REPORTS THROUGH THE TRAIL SEARCH INTERFACE AND INTERNET SEARCH ENGINES**
- **IDENTIFY & INVESTIGATE THE LONG-TERM PRESERVATION POSSIBILITIES OF THIS UNIQUE BODY OF LITERATURE**

Solution To The Problems Associated With Technical Report Literature: TRAIL

- Discussions began in 2004
- Began as a GWLA collaborative project with the Center for Research Libraries in 2006
- Developed into a CRL Global Resources Network Initiative in 2010



TRAIL Organizational Timeline

2006	GWLA endorses strategic action; 1st TRAIL Meeting
2007	-Pilot collection launched at the Univ. of Hawaii -TRAIL partners with the Univ. of Michigan & Google -TRAIL establishes processes with OCLC
2008	Began scanning content with Google and depositing in HathiTrust
2009	-Created a Facebook page -Established archive at the University of North Texas for non-Google scanned materials
2010	-Became part of the Global Resources Network at CRL -Received LexisNexis/GODORT/ALA "Documents to the People" Award -TRAIL Search Interface launched; developed & hosted by the University of Washington
2011	Initiated microfiche digitization pilot project
2012	Created Twitter account @TRAILTechReport and Wikipedia entry
2014	Reports digitized or harvested reaches 40,000 TRAIL watermark in HathiTrust
2015	Created personal membership option. You help us decide what is next!

TRAIL COLLECTIONS HIGHLIGHTS

TRAIL

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Current Activities ▾

- [Needs List](#)
- [Papers & Presentations](#)
- [Series List](#) ▾
 - [AEC Series](#)

[TRAIL Member List](#)

[Working Groups](#) ▶

Series List

Below is a list of the agencies whose reports TRAIL has processed. Click the name of an agency to jump to a list of the agency's report series.

From each series title you can click through to a list of the titles of the individual reports within the series. If you know of a report that is missing, please contact the Coordinator of the Collections Working Group,

Patricia Kirkwood [✉](#).

- [Atomic Energy Commission](#)
- [National Advisory Committee for Aeronautics](#)
- [National Bureau of Standards](#)
- [National Earthquake Information Center](#)
- [Office of Saline Water](#)
- [U.S. Bureau of Mines](#)
- [Office of Technical Services \(U.S. Department of Commerce\)](#)
- [U.S. Fish and Wildlife Service](#)

- Also
 - Army Corps of Engineers
 - USGS (harvest and digitize)
 - North American Fauna (I 49.30:) was recently harvested

58,388 Documents Acquired, Digitized and Preserved

**Complex Documents including microfiche, microcard, maps, foldouts, oversize materials

HATHITRUST CONTRIBUTORS

TRAIL Ranks 23rd with 39,800 deposited volumes in HT

Rank	Institution	# Volumes
1	University of Michigan:	4701314
2	University of California:	3738357
3	Harvard University:	838553
4	Cornell University:	584930
5	University of Wisconsin - Madison:	561713
6	Indiana University:	530676
7	University of Minnesota:	450370
8	University of Illinois at Urbana-Champaign:	439077
9	Pennsylvania State University:	390205
10	New York Public Library:	313325
11	Princeton University:	252894
12	The Ohio State University:	126399
13	Universidad Complutense de Madrid:	117524
14	University of Chicago:	112741
15	Library of Congress:	108892

Rank	Institution	# Volumes
16	Keio University:	90131
17	Columbia University:	77383
18	University of Alberta:	76114
19	Northwestern University:	57251
20	University of Virginia:	51435
21	Purdue University:	47490
22	University of Iowa:	47113
23	Technical Report Archive & Image Library:	39806
24	The Getty Research Institute:	28451
25	Michigan State University:	27837
26	Yale University:	24336
27	Minnesota Digital Library:	22042
28	University of North Carolina at Chapel Hill:	17437
29	University of Massachusetts Amherst:	15265
30	Duke University:	10905

UNT DIGITAL LIBRARY

2,123,074 Total Uses / **18,582** Total Items (1,019,749 files) / **18,582** Visible / **0** Hidden



UNT DIGITAL LIBRARY

Usage by Month/Year

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2016	55,053	44,342											99,395
2015	58,132	45,474	49,785	54,061	56,190	43,280	42,288	43,289	54,027	63,535	68,245	60,700	639,006
2014	43,625	39,663	38,866	43,082	47,078	45,395	130,058	51,066	46,247	44,811	47,982	44,932	622,805
2013	25,633	24,995	30,234	32,928	34,255	33,729	71,662	95,562	63,161	48,073	52,679	41,832	554,743
2012	9,485	10,007	12,778	13,466	13,204	12,284	18,844	17,302	15,400	18,989	19,111	19,583	180,453
2011	410	476	787	1,425	1,160	1,766	1,205	2,058	1,949	2,473	3,011	5,247	21,967
2010	0	33	146	237	253	183	644	291	308	632	1,140	838	4,705

RECENT HIGHLIGHTS

- June 2015 – Added Personal Member Category
 - University of Texas at Tyler
 - University of Alabama at Birmingham
 - Food and Drug Administration
 - University of California, Davis
 - West Baton Rouge Parish Library
 - University of Toronto
 - University of Massachusetts Dartmouth
 - Bureau of Ocean Energy and Management
 - Queens University
- October 2015 - GPO Joined TRAIL
- November 2015 – Passed 1 Million pages in the UNT Digital Library

CURRENT INSTITUTIONAL MEMBERS

- Arizona State University^l
- University of Arizona^{l**}
- University of Arkansas^{l**}
- Baylor University^l
- Brigham Young University^l
- California Institute of Technology
- University of California, San Diego
- University of Cincinnati
- Colorado State University^l
- University of Colorado^{l**}
- Georgia Institute of Technology
- U.S. Government Publishing Office
- Harvard University
- University of Houston^l
- University of Illinois at Urbana-Champaign
- Indiana University
- Iowa State University^l
- University of Iowa
- Kansas State University^{l**}
- Massachusetts Institute of Technology
- University of Massachusetts Amherst
- University of Nevada, Las Vegas^l
- University of New Mexico^l
- University of North Texas
- University of Notre Dame
- Oklahoma State University^l
- Oregon State University^l
- Pennsylvania State University
- Princeton University
- Purdue University
- Rice University^l
- Stanford University
- Texas A & M University^l
- Texas Tech University^l
- University of Texas at San Antonio
- Utah State University
- University of Utah^l
- Washington State University^l
- University of Washington^{l**}
- University of Wisconsin-Madison

^l Indicates GWLA Member

^{**} Indicates Founding Member

Technical Reports are assembled & organized at institutions across the country before being sent to the University of Arizona.

The University of Arizona is the central processing site and is routinely referred to as “Central” by TRAIL members.



“Central” or The University of Arizona


- receives shipments, assembles collections, and creates inventories in the **TRAIL Processing Database**
- creates catalog records for each technical report and supplies the cataloging to **OCLC**
- ships processed technical reports to either the **University of Michigan** or the **University of North Texas** for digitization



TRAIL Collection Processing Database

Members use this tracking database to view lists of technical reports that have been processed or are in processing at “Central”

<http://trairdb.library.arizona.edu>

 **Collections**

Page 1 of 2, showing 20 records out of 40 total, starting on record 1, ending on 20

	OC LC Symbol	Project Begin Date
ates. Bureau of Mines.)	USBMI	2008-04-01
Report of Investigation (United States. Bureau of Mines)	BOMRI	2008-06-18
Technical Paper (United States. Bureau of Mines)	USBMN	2008-09-01
MDDC (Series) [Manhattan District declassification document]	MDDCS	2008-11-17
ANL (Series)	ANLSR	2008-10-01
Research and Development Progress Report (Office of Saline Water)	USOSW	2008-09-01
Special Handling Items		2008-03-04
NURC		
Economic Papers (USBM)	EPBOM	2009-05-26
Mineral Perspectives (USBM)		
Bibliography of Technical Reports		2010-08-25
Bureau of Fisheries - Investigational Report		2009-12-01
Miners Circulars (USBM)	MINER	2009-03-23
National Bureau of Standards circular (NBS Series)	NBRSC	2009-03-01

TRAIL Collection Processing Database

The Collection Record provides basic information about the series and links to the inventory spreadsheet in Google Drive. Anyone is welcome to review and download the inventories. Members of TRAIL committees may have authorization to edit the inventories

Collection

Name	Research and Development Progress Report (Office of Saline Water)
Active?	yes
OCLC Symbol	USOSW
Notes	Res. & Dev. Progress Reports Inventory -- https://docs.google.com/spreadsheet/ccc?key=0Ap6t8mks6xa_dHdfVTdRNl9mbGZRCzJoYkV5OU51ZHC&usp=sharing [Link validated 12/31/13 - MO]

TRAIL contact: John Phillips

Requested pull of records to create initial OCLC Collection Set, Nov. 30,

Saline Waters Research & Development Progress Reports Inventory									
File Edit View Insert Format Data Tools Help View only									
fx Status in HT/UNT									
	A	B	C	D	E	F	G	H	
1	Box No.	Barcode No.	Item No.	Suffix	Title	OCLC No.	Serial Info	Comments	Status in HT/UNT
2	USOSW(extra)	39015078494526	772		Experimental study of the structure, thermodynamics and kinetic behavior of water	39201956			Available HT 9/30/2013
3	USOSWBox008	39015078494005	352		Study of poly(methacrylates) and poly(urethanes) as reverse osmosis membranes : effect of water clustering on transport properties /	1936729			Accessible 9/1/09
4	USOSWBox008	39015078494013	351		Disposal of brine by solar evaporation /	9714938			Accessible 9/1/09
5	USOSWBox008	39015078494021	350		Compressibility and molal volume studies /	18097755			Accessible 9/1/09
6	USOSWBox008	39015078494039	349		Viscosity and conductivity studies /	18097803			Accessible 9/1/09
7	USOSWBox008	39015078494047	348		Drying cellulose acetate reverse osmosis membranes /	18000188			Accessible 9/1/09
8	USOSWBox008	39015078494054	379		Research on porous glass membranes for reverse osmosis /	18138105			Accessible 9/1/09
9	USOSWBox008	39015078494062	380		Influence of strongly bound counter-ions on permselective membranes /	18132413			Accessible 9/1/09
10	USOSWBox004	39015078494070	197		Research on mineral by-products from saline waters /	20852			Accessible 9/1/09
11	USOSWBox008	39015078494088	387		Environmental impact of brine effluents on Gulf of California /	10503689			Accessible 9/1/09
12	USOSWBox008	39015078494096	386		Development of ultrathin membranes /	10573250			Available HT 09/21/201
13					Synthesis and evaluation of new membrane candidates for application in reverse osmosis				

CRL Workspace Site for TRAIL

Members use the CRL wiki to create, post, and edit the documentation of the TRAIL Steering Committee & Working Groups

The screenshot shows the dashboard of the CRL Collaboration Workspace. At the top, there is a header with a world map icon and the text "The Center for Research Libraries COLLABORATION WORKSPACE". Below the header, there is a navigation bar with "Dashboard", "Browse", "Sinai Wood", and a search box labeled "Search Confluence".

The main content area is titled "Dashboard" and includes a "Welcome to Confluence, CRL's Collaboration Workspace" message. It provides instructions on how to use the tool and a link to "Login".

There are two main sections on the dashboard:

- New to Confluence?**: A section with a folder icon and text: "We have all the information you need to get started in our Documentation Space. You can also try editing content in our Sandbox."
- Meet our Users**: A section with a profile icon and text: "Check out the user profiles of others who are contributing."

Below these sections, there is a "Spaces" section with tabs for "All" and "Favourite". It lists three spaces:

- Documentation**: General user doc on Confluence system
- International & Area Studies Collections**
- Login**

On the right side of the dashboard, there is a "Popular" section with tabs for "All Updates", "Favourite Spaces", and "Network". It displays a list of recent updates from various users:

- Marilyn Von Seggern**: 2013 Febr 18 notes.docx attached yesterday at 11:02 AM
- Sinai Wood**: Conference Call Mtg Notes updated Feb 20, 2013 (view change)
- Judy Alspach**: 2013 TRAIL Steering Committee Meeting updated Feb 19, 2013 (view change)
- Marilyn Von Seggern**: Needs updated Feb 15, 2013 (view change)
- Mel DeSart**: 2013 TRAIL Steering Committee Meeting updated Feb 14, 2013 (view change)
- Patricia Kirkwood**: 2013 TRAIL Steering Committee Meeting updated Feb 14, 2013 (view change)
- Adriana Popescu**

TRAIL Information on the CRL Website

<http://www.crl.edu/grn/trail/>

Center for Research Libraries
GLOBAL RESOURCES NETWORK

Search CRL catalog

catalog website browse catalog

About Membership Collections Electronic Resources Services Archiving & Preservation Collaborations

TRAIL

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Current Activities ▶
TRAIL Member List
Working Groups ▶

TRAIL

TECHNICAL REPORT
ARCHIVE & IMAGE LIBRARY

Search the TRAIL Collection at www.technicalreports.org

Value of Technical Report Literature

Technical reports communicate research progress in technology and science; they deliver information for technical development to industry and research institutions contributing to the continued growth of science and technology. These highly detailed reports contain valuable information serving specialized audiences of researchers.

"TRAIL is a wonderful digital library."

"Thank you so much for your help. The 25 year old copy of the monograph that I have was destroyed by water, finding it online makes me very happy! Please pass on my great appreciation to all those who have put together this very valuable service."

Value of TRAIL

While access to more recent (1994–current) technical report literature has greatly improved with Internet access, older technical reports remain elusive to researchers. These reports are available, as most large

Recent TRAIL News

TRAIL Content Surpasses One Million Pages in UNT Digital Library
5 Nov 2015

TRAIL Expands Coverage and Welcomes Personal Members
1 Jun 2015

TRAIL Representative Marianne Mason Named to Depository Library Council
28 Apr 2015

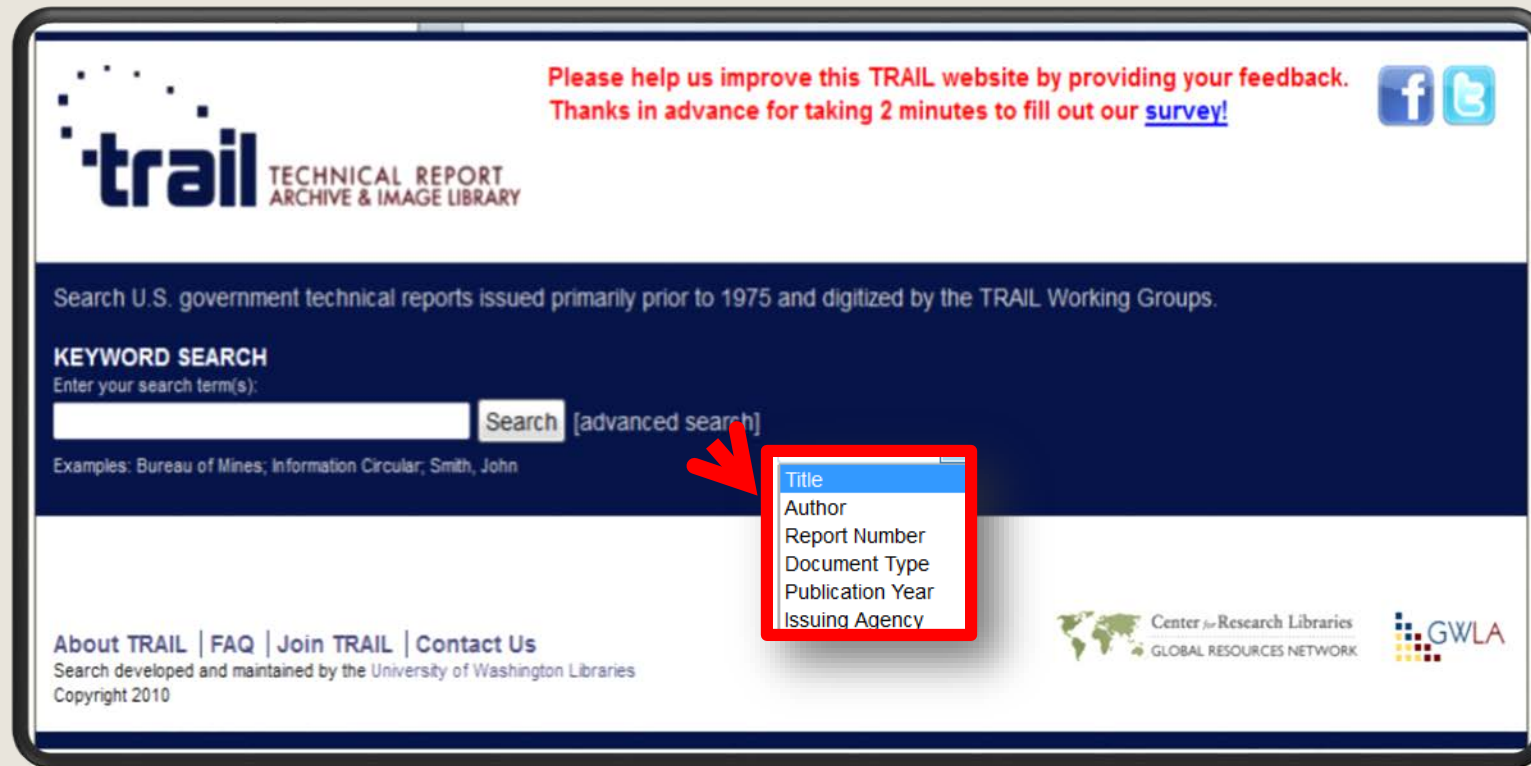
- Background
- Contact info
- Activities
- Members

Comments from
TRAIL users

News

The Search Interface

Members use the TRAIL Search Interface to help researchers with their TRAIL content questions



<http://www.technicalreports.org>

MEMBERS COORDINATE THE WORK OF TRAIL

- TRAIL Steering Committee
- TRAIL Collections Working Group
- TRAIL Communications Working Group
- TRAIL Processing Working Group
- TRAIL Membership Working Group

Steering Committee

Purpose:

The TRAIL Steering Committee is the principal body that shall consider and formulate the policies and procedures governing TRAIL in accordance with the recommendations of the membership.

Composition (not fewer than 8 members):

- Elected Officers: Chair, Vice-Chair, Secretary, Treasurer
- Working Group Coordinators
- Additional members from the membership, appointed by Chair
- Ex Officio members (CRL rep, past-chair)

Terms:

- 2 year terms
- Must have served on a Working Group for at least one year prior

Meetings:

- Biweekly
- Annual Meeting (each spring), open to all members

TRAIL Membership Meeting

April 26th & 27th

University of Arkansas

Annual Review
Strategic Planning
Problem Solving