

# Accessing and Preserving Texas Information in TRAIL

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# Presenters

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- **Join us!**
  - Memberships



# Introduction

Mission  
Workflow Overview



# TRAIL

- Began as a Greater Western Library Alliance (GWLA) collaborative project with the Center for Research Libraries
- Developed into a Center for Research Libraries (CRL) Global Resources Network Initiative



# Mission

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



# 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



**Technical Reports are sent to the University of Arizona,  
the central processing site where each report is cataloged**

**Then reports are shipped to University of Michigan  
or the University of North Texas for digitization**





# Got Technical Reports?

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Total Number of TRAIL Records	83,235
Number of TRAIL Search Interface Sessions (last 6 months)	2,462
Number of TRAIL Search Interface Users (last 6 months)	1,919
Number of TRAIL Institutional Members	53
Number of TRAIL Personal Members	13



# What are Federal Technical Reports?

The Value of Technical Reports  
How to find content digitized by TRAIL



# Value of Technical Report Literature

A technical report is a document that describes the process, progress, or results of technical or scientific research or the state of a technical or scientific research problem. It might also include recommendations and conclusions of the research.

- The U.S. government publishes technical reports to communicate progress in government 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



# TRAIL TOP 20 REPORT

## Engineering Study of the Rodessa Oil Field in Louisiana, Texas, and Arkansas Bureau of Mines – Department of the Interior



### Creation Date

- August 1943

### Added to The UNT Digital Library

- Oct. 17, 2012, 9:47 a.m.

### Description Last Updated

- May 21, 2018, 4:47 p.m.

### Usage Statistics

When was this report last used?

Yesterday: 0

Past 30 days: 90

Total Uses: 14,682

[MORE STATISTICS](#)



# TRAIL TOP 20 REPORT

## Engineering Study of the Rodessa Oil Field in Louisiana, Texas, and Arkansas

### Usage by Month/Year

Year	January	February	March	April	May	June	July	August	September	October	November	December
2020	116	154	106	130	181	112	29					
2019	167	215	234	215	216	141	123	169	253	282	283	187
2018	244	301	351	363	280	228	195	391	358	328	355	223
2017	100	178	166	276	152	189	150	166	200	301	310	265
2016	105	225	228	206	179	112	66	129	164	185	180	182
2015	85	94	191	156	138	119	110	142	178	252	227	185
2014	45	38	50	75	79	73	138	109	114	117	113	100
2013	27	14	22	22	28	38	36	43	84	38	28	27
2012	0	0	0	0	0	0	0	0	0	1	0	2



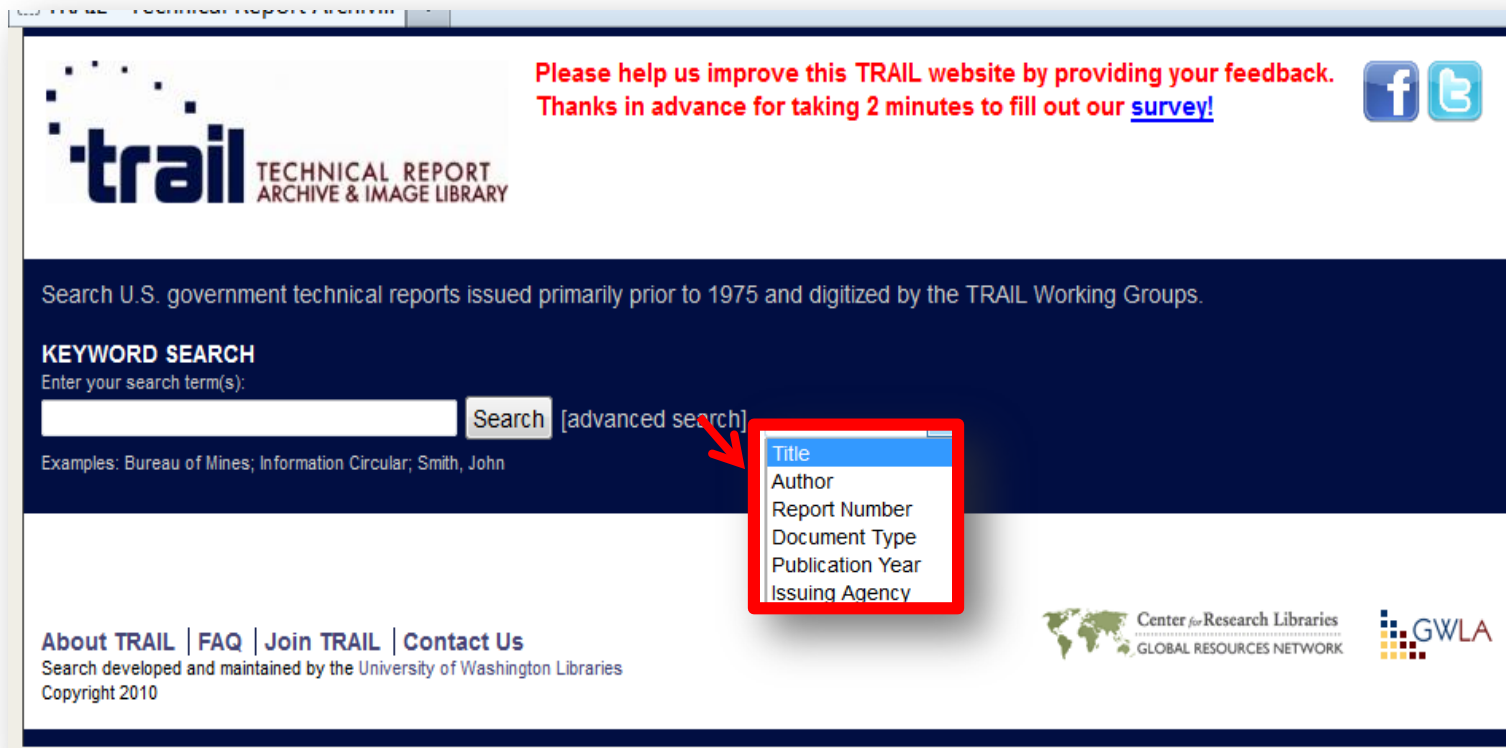
# Common Problems associated with Technical Report Literature

- 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



# The Search Interface

Use the TRAIL Search Interface to help researchers with their TRAIL content questions



The screenshot shows the TRAIL Search Interface. At the top left is the TRAIL logo with the text "TECHNICAL REPORT ARCHIVE & IMAGE LIBRARY". To the right is a red banner asking for feedback and a survey link, along with Facebook and Twitter icons. Below this is a dark blue section with the text "Search U.S. government technical reports issued primarily prior to 1975 and digitized by the TRAIL Working Groups." The "KEYWORD SEARCH" section includes a text input field, a "Search" button, and a link to "[advanced search]". A red arrow points to the "[advanced search]" link, which has opened a dropdown menu with the following options: Title, Author, Report Number, Document Type, Publication Year, and Issuing Agency. Below the search section, there are links for "About TRAIL", "FAQ", "Join TRAIL", and "Contact Us", along with copyright information. At the bottom right are logos for the Center for Research Libraries, GLOBAL RESOURCES NETWORK, and GWLA.

Please help us improve this TRAIL website by providing your feedback. Thanks in advance for taking 2 minutes to fill out our [survey!](#)

**trail** TECHNICAL REPORT ARCHIVE & IMAGE LIBRARY

Search U.S. government technical reports issued primarily prior to 1975 and digitized by the TRAIL Working Groups.

**KEYWORD SEARCH**  
Enter your search term(s):  
  [\[advanced search\]](#)

Examples: Bureau of Mines; Information Circular; Smith, John

- Title
- Author
- Report Number
- Document Type
- Publication Year
- Issuing Agency

[About TRAIL](#) | [FAQ](#) | [Join TRAIL](#) | [Contact Us](#)  
Search developed and maintained by the University of Washington Libraries  
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Center for Research Libraries  
GLOBAL RESOURCES NETWORK

GWLA

<http://www.technicalreports.org>



# LibGuide Widget and Code @ TRAILGuides

TRAIL Search Widget



Search U.S. government technical reports issued primarily prior to 1976 and digitized by TRAIL.

**Keyword Search**

The TRAIL Search Widget is available for use on guides or webpages.

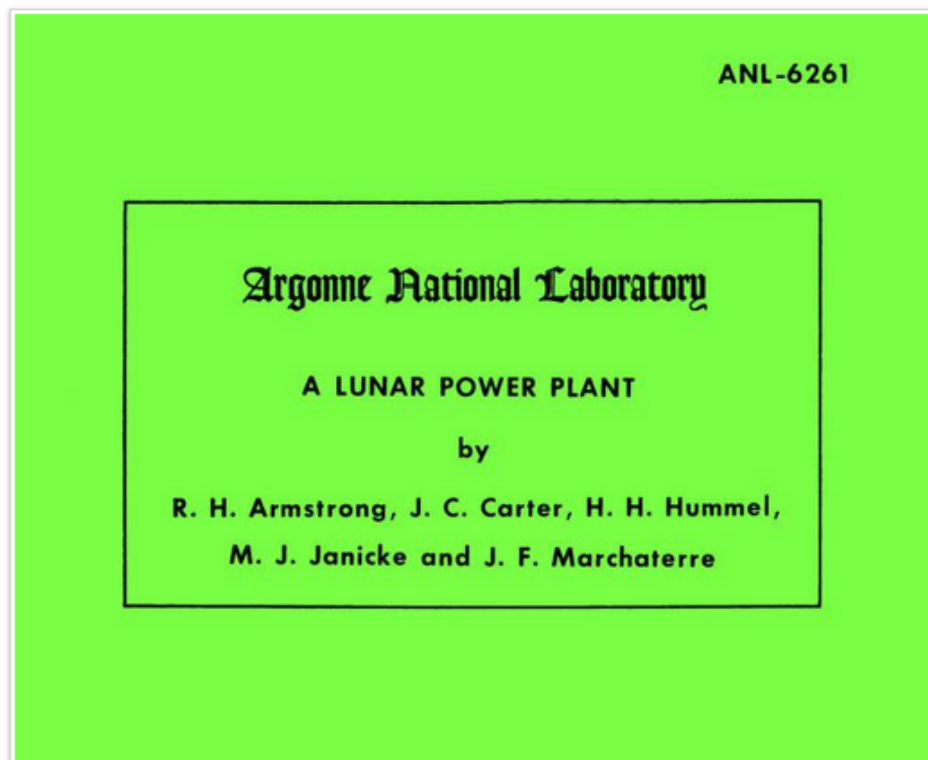
(Acknowledgement: Thank you Norma J Dowell, Iowa State University.)





## A Lunar Power Plant

🔗 One of **1,237** reports in the series: **Argonne National Laboratory Reports** available on this site.



### Description

Report issued by the Argonne National Laboratory over studies conducted on designs for a lunar power plant. As stated in the abstract, "a concept of a nuclear power plant to be assembled on earth and operated on the moon in presented" (p. 9). This report includes tables, illustrations, and photographs.

### Physical Description

137 p. : ill.

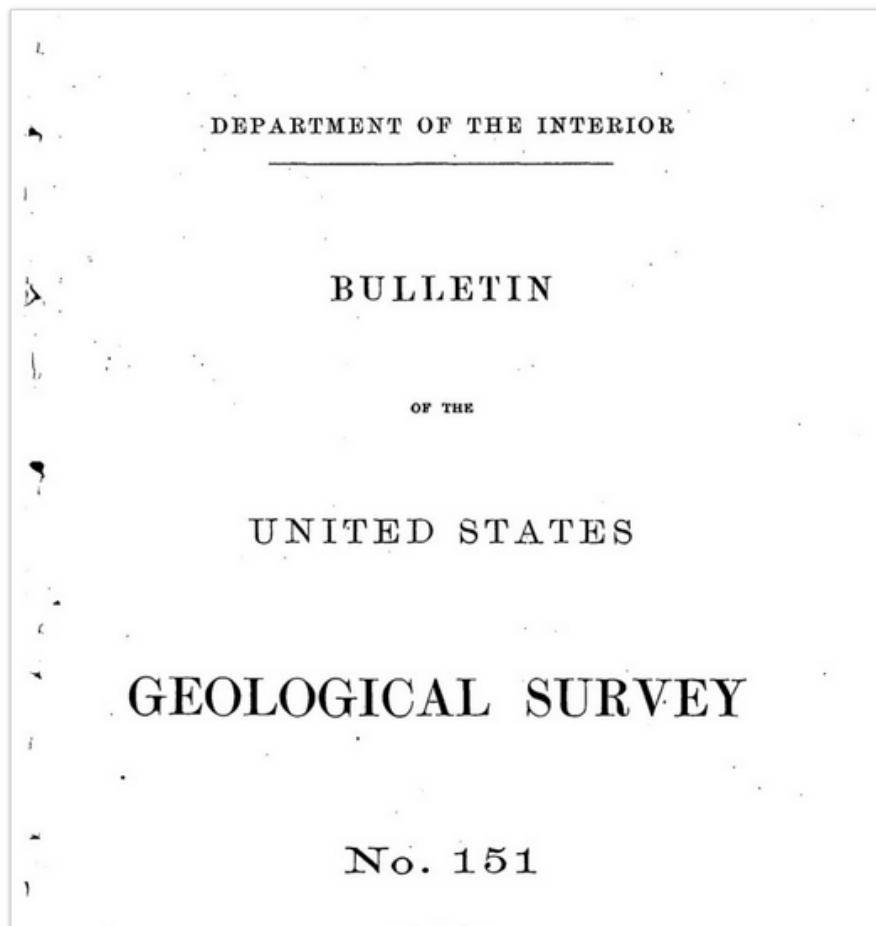
### Creation Information

Armstrong, R. H.; Carter, J. C.; Hummel, H. H.; Janicke, M. J. & Marchaterre, J. F. December 1960.



## The Lower Cretaceous Gryphae of the Texas Region

One of 78 reports in the series: [Bulletin of the United States Geological Survey](#) available on this site.



### Description

A report which discusses the specific classification, stratigraphic occurrence, and relationships of one particular group of the many kinds of fossil oysters occurring in the Lower Cretaceous formations of Texas.

### Physical Description

174 p. : ill.

### Creation Information

Hill, Robert Thomas & Vaughan, Thomas Wayland 1898.

### Context

This **report** is part of the collection entitled: [Technical Report Archive and Image Library](#) and was provided by [UNT Libraries Government Documents Department](#) to [UNT Digital Library](#), a digital repository hosted by the [UNT Libraries](#). More information about this report can be viewed below.



<http://technicalreports.org/trail/detail/76170/>

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Show All Pages

150

All Formats

2

U. S. DEPARTMENT OF COMMERCE  
R. P. LAMONT, Secretary  
BUREAU OF MINES  
SCOTT TURNER, Director

Bulletin 316

## COMMERCIAL POSSIBILITIES OF THE TEXAS-NEW MEXICO POTASH DEPOSITS

BY  
JAMES S. WROTH



### Description

From Introduction Results of Test: "Among the domestic potash resources which were brought to the attention of the country during and after the war but were not utilized as a source of potash, although they indicated that they might furnish the cheap potash desired, were the potash deposits occurring with the thick rock-salt formations of western Texas and southeastern New Mexico."

### Physical Description

149 p. : ill.

### Creation Information

Wroth, James S. 1930.

<http://technicalreports.org/trail/detail/67064/>



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## About this Book

Numerical modeling of hydrodynamics : Brazos Island Harbor ... Hauck, Larry M.

[View full catalog record](#)

### Rights:

[Public Domain](#), [Google-digitized](#).

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*Partner login required*

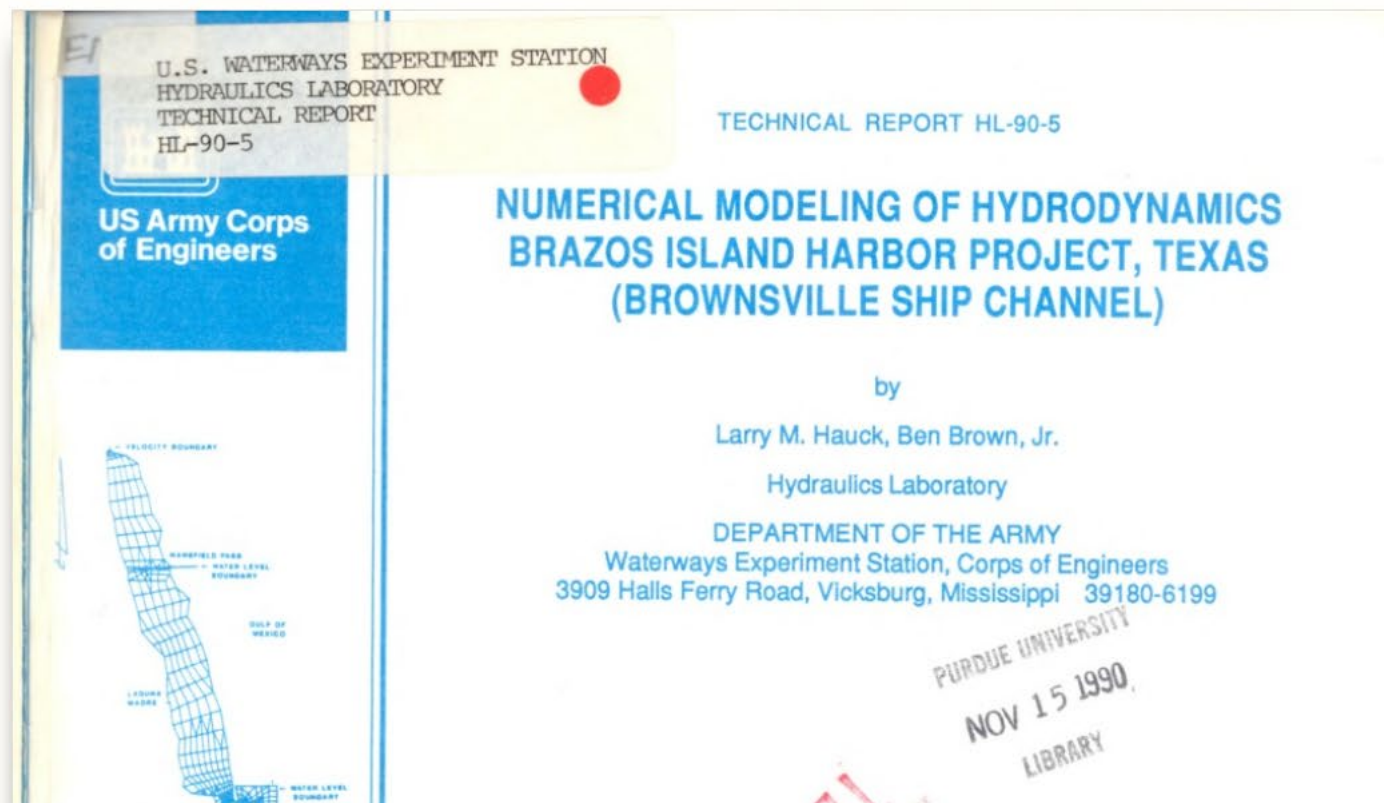
## Text Only Views

Go to the [text-only view of this item](#).



Search in this text

Find



1 / 60

Jump...

You Are Here: [home](#) / [unt libraries government documents department](#) / [this report](#)

## Investigation of the Kansas City Hyatt Regency Walkways Collapse

One of **32** reports in the series: **NBS building science series** available on this site.



← → ↺ 🏠 🔒 <https://myfavoritemurder.com/episodes> 📖 ☆ ⚙️ 🔍 ↗️ ⋮

Find on page  1 of 1 < > Options ▾ ×

**2**  
May 2019

### Live at the Belco Theatre in Denver

Karen and Georgia cover the murder of Adolph Coors III and the Colorado Cannibal.

[SEE EPISODE DETAILS](#)

**25**  
Apr 2019

EPISODE: 170

### Habeas Delicious

Karen and Georgia cover the murder of Helle Crafts and the **Hyatt** Regency walkway collapse.

## Usage by Month/Year

Year	January	February	March	April	May	June	July	August
2020	189	249	228	194	293	126	170	
2019	240	250	344	980	521	279	244	158
2018	360	262	838	415	345	197	202	347

[SEE EPISODE DETAILS](#)

**18**  
Apr 2019

EPISODE: 169

### This Old Sandwich

Karen and Georgia cover the Power Rangers Murder(s) and the murder of Denise Huber.

# TRAIL Accomplishments


Digitized Series

TRAIL Guides





# TRAIL Series Processing Inventories



**Collection**

<b>Name</b>	Research and Development Progress Report (Office of Saline Water)
<b>Active?</b>	yes
<b>OCLC Symbol</b>	USOSW
<b>Notes</b>	Res. & Dev. Progress Reports Inventory -- <a href="https://docs.google.com/spreadsheet/ccc?key=0Ap6t8mks6xa_dHdfVTdRNI9mbGZRcz">https://docs.google.com/spreadsheet/ccc?key=0Ap6t8mks6xa_dHdfVTdRNI9mbGZRcz</a> validated 12/31/13 - MO]  TRAIL contact: John Phillips  Requested pull of records to create initial OCLC C

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 seawater desalination				

The TRAIL Collection Processing Database information is being phased out but the supporting Google spreadsheets that indicate the processing status of series reports will be available directly from TRAIL Guides.



The mission of TRAIL is to ensure preservation, discoverability, and persistent open access to government technical publications regardless of form or format.

TRAIL website @ CRL / TRAILGuides / Series / About this guide

## Series

Use this guide to access the processing inventory for each series.

About this guide
Army Corps of Engineering ▾
Atomic Energy Commission
Bureau of Mines
Coast Guard
Department of Commerce
Department of Energy
Environmental Protection Agency
Fish & Wildlife Service
Geological Survey
National Advisory Committee for Aeronautics
National Bureau of Standards
National Earthquake Information Center
Nuclear Regulatory Commission
Office of Saline Waters
About TRAIL

### About TRAIL Series Processing Inventories

Series listed are linked to spreadsheets which are the **TRAIL series processing inventories**.

These inventories, which may be downloaded, list individual report titles that have been processed by TRAIL for digitization and provide a link to the digital copy as it becomes available.

If you know of a report that is missing or would like to supply a needed report, please contact the [Coordinator of the Collections Working Group](#).

**Note:** A digitized report may not be viewable for many reasons due to the original item format, the time it takes to process/ship/digitize, and to copyright issues that preclude public access of the image.

### Guide Status

This inventory guide will always be under construction! It is the nature of federal technical reports to cause confusion and wonder. TRAIL strives to provide accurate information about which report series we are digitizing or harvesting and the status of each project.

### TRAIL Working Group Member Librarians



Sinai Wood

Email TRAIL

<http://trailguides.crl.edu>





Name
<a href="#">ACE Waterways Experiment Station Technical Report Y</a>
<a href="#">A (AEC Series)</a>
<a href="#">AAEC(SP) (AEC Series)</a>
<a href="#">ACCO (AEC Series)</a>
<a href="#">ACE Waterways Experiment Station Bulletin</a>
<a href="#">ACE Waterways Experiment Station Contract Report</a>
<a href="#">ACE Waterways Experiment Station Hydraulics Bulletin</a>
<a href="#">ACE Waterways Experiment Station Instruction Report</a>
<a href="#">ACE Waterways Experiment Station Miscellaneous Paper</a>
<a href="#">ACE Waterways Experiment Station Monographs</a>
<a href="#">ACE Waterways Experiment Station Potamology Program P-1 Report</a>
<a href="#">ACE Waterways Experiment Station Research Report</a>
<a href="#">ACE Waterways Experiment Station Soil Mechanics Bulletin</a>
<a href="#">ACE Waterways Experiment Station Technical Bulletin</a>
<a href="#">ACE Waterways Experiment Station Technical Memorandum</a>
<a href="#">ACE Waterways Experiment Station Technical Report</a>
<a href="#">ACE Waterways Experiment Station Technical Report A</a>
<a href="#">ACE Waterways Experiment Station Technical Report C</a>
<a href="#">ACE Waterways Experiment Station Technical Report CERC</a>
<a href="#">ACE Waterways Experiment Station Technical Report CHL</a>

Name
<a href="#">MRC (AEC Series)</a>
<a href="#">MSAR (AEC Series)</a>
<a href="#">MTA (AEC Series)</a>
<a href="#">MUC (AEC Series)</a>
<a href="#">MURA (AEC Series)</a>
<a href="#">N (AEC Series)</a>
<a href="#">NAA (AEC Series)</a>

Name
<a href="#">Special Scientific Report – Wildlife</a>
<a href="#">Special Scientific Report--Fisheries</a>
<a href="#">SRIA (AEC Series)</a>
<a href="#">SRO (AEC Series)</a>
<a href="#">SROO (AEC Series)</a>
<a href="#">STL (AEC Series)</a>
<a href="#">STR (AEC Series)</a>
<a href="#">SWRI (AEC Series)</a>
<a href="#">Symposium Series (AEC Series)</a>
<a href="#">Technical Paper (United States. Bureau of Mines)</a>
<a href="#">Technical Papers - Bureau of Sport Fisheries</a>
<a href="#">Technical Papers - U.S. Fish and Wildlife Service</a>
<a href="#">Technical Papers of the U.S. Fish and Wildlife Service</a>
<a href="#">Technical progress report (Bureau of Mines)</a>
<a href="#">TEES (AEC Series)</a>
<a href="#">TIB (AEC Series)</a>
<a href="#">TID (AEC Series)</a>
<a href="#">TNCC (AEC Series)</a>
<a href="#">U. S. Bureau of Fisheries - Investigational Report</a>
<a href="#">UCD (AEC Series)</a>

<a href="#">NACA Advance Confidential Reports (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Advance Restricted Reports (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Aircraft Circulars (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Annual Reports (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Confidential Bulletins (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Memorandum Reports (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Research memorandum (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Restricted Bulletins (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Special Reports (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Technical Memorandum (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Technical note (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA Technical Reports (National Advisory Committee for Aeronautics)</a>
<a href="#">NACA TR (Report)</a>

Name
<a href="#">UCID (AEC Series)</a>
<a href="#">UCLA (AEC Series)</a>
<a href="#">UCRL Series (AEC Series)</a>
<a href="#">UCSF (AEC Series)</a>
<a href="#">UH-235P5 (AEC Series)</a>
<a href="#">UNC (AEC Series)</a>
<a href="#">Understanding the Atom (AEC Series)</a>
<a href="#">United States Earthquakes</a>
<a href="#">UR (AEC Series)</a>
<a href="#">USBM (AEC Series)</a>
<a href="#">USGS Bulletin</a>
<a href="#">USGS Circular</a>
<a href="#">USGS Professional Papers</a>
<a href="#">USGS Techniques of Water Resources Investigations</a>
<a href="#">USGS Trace Elements Investigations</a>
<a href="#">USGS Trace Elements Memorandum</a>
<a href="#">USNRDL (AEC Series)</a>
<a href="#">UWFL (AEC Series)</a>
<a href="#">VUF (AEC Series)</a>
<a href="#">VUP (AEC Series)</a>

## A Sampling of Series Titles

**Join us!**  
Institutional Membership  
Personal Membership



# How to Join TRAIL

<https://www.crl.edu/grn/trail/about-trail/how-join-trail>

Institutions wishing to participate in TRAIL should fill out the TRAIL Participant Agreement. As of FY20, TRAIL members pay an annual membership fee of \$3,000.

Individuals who work at institutions that are not institutional members may join TRAIL by filling out the Individual Participant Agreement. There is **no membership fee** for Personal Members of TRAIL.



# Contribute to TRAIL

TRAIL is a smaller community and volunteers have the chance to be active and have impact.

- Steering Committee
- Communications Working Group
- Metrics Working Group
- Membership Working Group
- Collections Working Group



# TRAIL Financials

TRAIL's income = institutional member dues.

TRAIL's costs have historically included:

- Cataloging and graduate student costs at the University of Arizona
- Digitization costs for materials at UNT that can't be sent through the Google stream
- Shipping costs associated with moving material from donating libraries to Arizona for cataloging, then from AZ to UNT
- Administrative support costs to CRL
- Modest costs related to the TRAIL annual meeting

Additional anticipated costs include:

- Modest amount of non-destructive scanning, particularly to complete series
- More scanning from microform, all of which we pay for
- Metadata clean-up associated with harvesting of content from other locations



# Future Directions

- Explore possible partnering opportunities (content, discovery, funding, etc.)
- Identify publicity opportunities for TRAIL (social media, libguides, etc.)
- Increase the number of reports being added to TRAIL from microfiche
- Digitizing microcard pilot project started (Atomic Energy Commission).
- Harvest appropriate content and complete series with our digitized content
- Improve the workflows of TRAIL and its partners
- Offer better statistics/metrics for TRAIL
- Involve new personal members in the project
- Work to add more members, including government agencies in addition to the Government Publishing Office, which joined in 2015 and Los Alamos National Labs, which joined in 2020



Email – [trail@crl.edu](mailto:trail@crl.edu)

Libguide – <https://trailguides.crl.edu/series>

Website – [www.crl.edu/programs/trail](http://www.crl.edu/programs/trail)

Media Kit - [www.crl.edu/trail-media-kit](http://www.crl.edu/trail-media-kit)

Search Interface – [www.technicalreports.org](http://www.technicalreports.org)

Twitter - @trailtechreport

Facebook – technicalreportsandimagelibrary

*Thank you!*

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