


Rounding Up the Collection –
The Story of TRAIL Digital Content Collection

American Society for Engineering
Education

Austin 2009



http://sites.google.com/a/gwla.org/trail/Home



**TECHNICAL REPORT
ARCHIVE & IMAGE LIBRARY**

The Technical Report Archive & Image Library (TRAIL) - Project Site

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TRAIL is a [Greater Western Library Alliance](#) initiative lead by the [University of Arizona](#) in collaboration with the [Center for Research Libraries](#) and other interested supporting agencies to identify, digitize, archive, and provide persistent and unrestricted access to federal technical reports issued prior to 1975.

Technical reports are a means of communicating the progress of research in fields of technology and science; they are used to communicate information for technical development throughout industry and throughout research institutions contributing to the continued development and growth of science and technology. These reports are highly detailed and contain valuable information serving specialized audiences of researchers. While availability and access to more recent (1994-current) technical report literature has greatly improved with delivery via the Internet, legacy technical report documents remain elusive to researchers. Most large research libraries across the country have sizeable collections of federally funded technical research reports—frequently a million or more reports ranging from several pages to several hundred pages.

How to get involved:

If your library is interested in working with us on this project or you want additional information, please supply us with contact information (name and e-mail address) for the most appropriate person or persons at your institution to contact about this project in the future. We very much appreciate your feedback. Please email [Alice Trussell](mailto:Alice.Trussell@altrus@ksu.edu) at altrus@ksu.edu.


Testimonials...

"I can't begin to express the gratitude and research potential your site has provided to us. I am the president of the Old Forge Coal Mine Inc., an all volunteer non profit educational and historical archive for the coal mining history, heritage, and industries that supported coal mining for the town of Old Forge Pennsylvania. Thanks to TRAIL, I am able to find and download Bureau of Mine Bulletins pertaining to my area that the Bureau of Mines and Office of Surface Mining in Pa., don't even have in their libraries at Pottsville and Wilkes Barre. Your site has my research efforts a lot easier, saving weeks of time and travel expenses. Thank You, Very Much!"

"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."

COME AND MEET US!


We will be attending the [ACRL 14th National Conference](#) in Seattle March 12-15 and presenting a poster Friday March 13th 2:00pm-3:00pm in Exhibit Hall D Poster 6.




The TRAIL Pilot Project currently contains the following report series:

- U.S. Atomic Energy Commission , Civil Effects Test Operations (AEC-CEO)
- U.S. Atomic Energy Commission , Lovelace Foundation for Medical Education and Research (AEC-LF)
- U.S. Atomic Energy Commission , Health and Safety Laboratory (AEC-HASL)
- U.S. Atomic Energy Commission , Radiation Instruments Branch (AEC-RIB)
- U. S. National Bureau of Standards. Monographs
- U. S. Bureau of Mines Bulletin

An [example](#) of a technical report produce by the [Atomic Energy Commission](#) now available online at the [TRAIL](#) searchable website:



Forward:
The [Atomic Energy Commission](#) is aware of its responsibility for taking a leading part in the protection of the people against nuclear attack or accident. As a result of atomic shelter tests and field experiments



**TECHNICAL REPORT
ARCHIVE & IMAGE LIBRARY**

Barriers to Access

Inconsistent dissemination

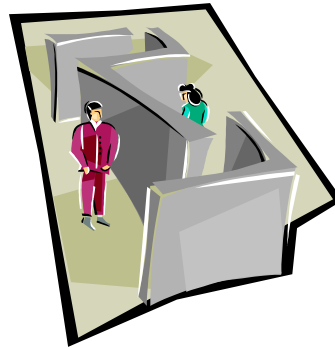
Poor quality media

Limited bibliographic access

Series level cataloging

Varied formats

No online access/ no ILL



Collaboration



Greater Western Library Alliance

<http://www.gwla.org/>



Center for Research Libraries

<http://www.crl.edu>



Photos from TRAIL Annual Taskforce Meeting

<http://www.facebook.com/home.php#/event.php?eid=104481671280>



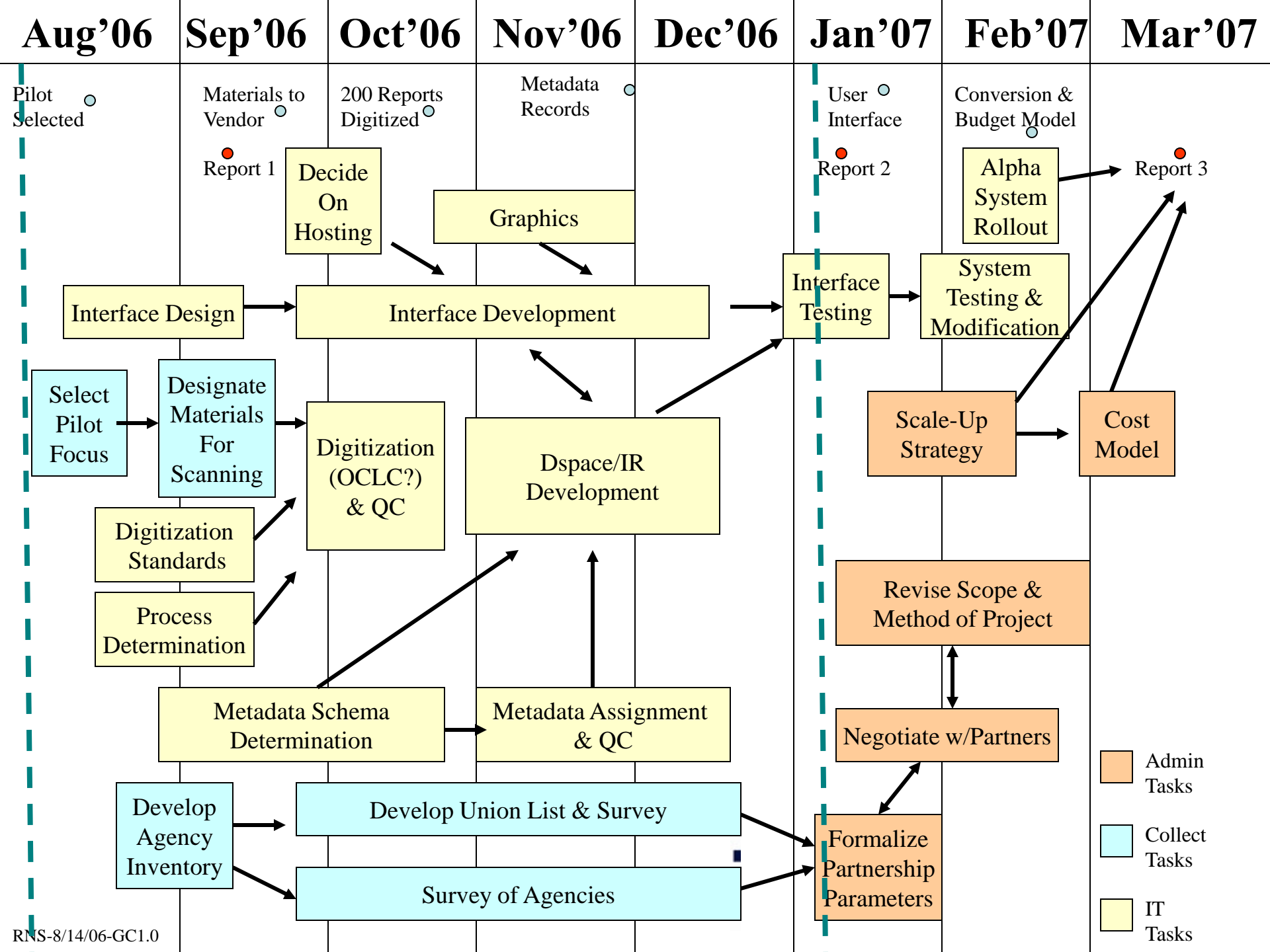
Original Task Force Members

University of Arizona
(Central Processing Unit)

- University of Colorado
- University of Washington
- University of Arkansas
- University of Utah

- Cornell University
- University of Hawaii, Manoa
- Linda Hall Library
- Kansas State University





Early Cost Model Summary

Phase	Digitization Goal (pgs)	Total 3 Year Cost
Development	Minimum (50K)	\$308,500.00
	1 Million	\$958,499.20
Building	1 Million	\$1,001,999.20
	3 Million	\$2,614,000.00
Sustaining	None	\$56,000.00



Pilot Interface

<http://digicoll.manoa.hawaii.edu/techreports/>

TRAIL

Technical Report Archive and Image Library

Home Browse Adv. Search About

WELCOME TO TECHNICAL REPORT ARCHIVE AND IMAGE LIBRARY

TRAIL-Technical Report Archive and Image Library: a collaborative project to digitize, archive, and provide persistent and unrestricted access to federal technical reports issued prior to 1975.

Organizations Involved:
The Greater Western Library Alliance (GWLA - www.gwla.org) and the Center for Research Libraries (CRL - www.crl.edu) are collaborating on a pilot project

KEYWORD SEARCH

Enter your search term(s):

[\[advanced search\]](#)

National Bureau of Standards Electronic Automatic Computer (SEAC)



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Current Task Force Members

University of Arizona
(Central Processing Unit)

- Kansas State University
- University of New Mexico
- University of Utah
- Rice University
- Oklahoma State University
- University of Washington

- Cornell University
- University of Colorado
- University of Hawaii at Manoa
- Colorado State University
- University of Arkansas
- Baylor University



TRAIL Overall Investment Analysis

Financial Outlook:

Project Income (07-09):	\$249,000.00
Expend & encumbered (07-09):	\$149,265.65
Remaining =	\$99,734.35

09-10 projection:	\$132,216.80
Balance remaining:	-\$32,482.45
09-10 Cost per institution:	\$1,015.08

Financial Gain:

In-kind UMich/Google (08-09) =	\$558,105.60
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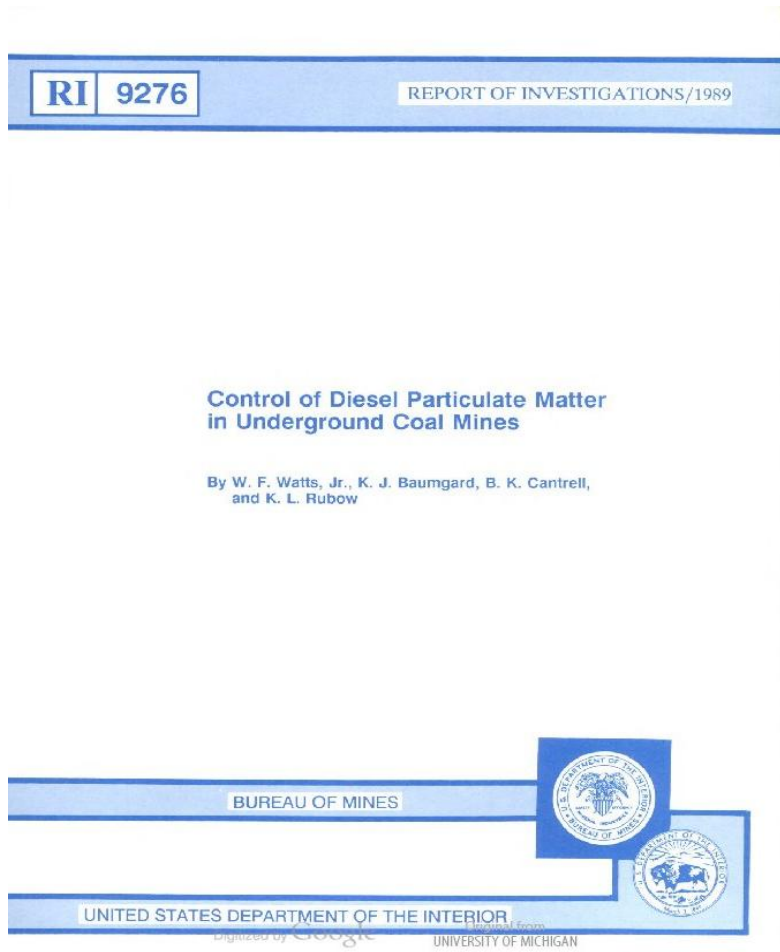
Scanning Analysis (to date):

Total Pages Scanned (based on avg # pages/item)	960,927
Total Items Scanned (07 to date)- 85% to Google, 15% Outsourced	9978
Avg # pages/item (based on a 12% sample):	96

Dollars Leveraged:

GWLA Cost per page (07-09 expenditures/# pages scanned)=	\$0.16
GWLA Cost per item (07-09 expenditures/# of items)=	\$14.96
Cost per item @ \$4K (based on 08-09 investment and scanning to date)=	\$0.40
Return on Investment (Financial Gain/Total GWLA Investment)=	224.14%

Images from Hathi Trust



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Library Catalog of the University of Michigan Ann Arbor and Flint

Mirlyn

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This Record: Print/Export/Mail This Save to My Shelf

Format: Full Record Printer Friendly Named Tags MARC Tags

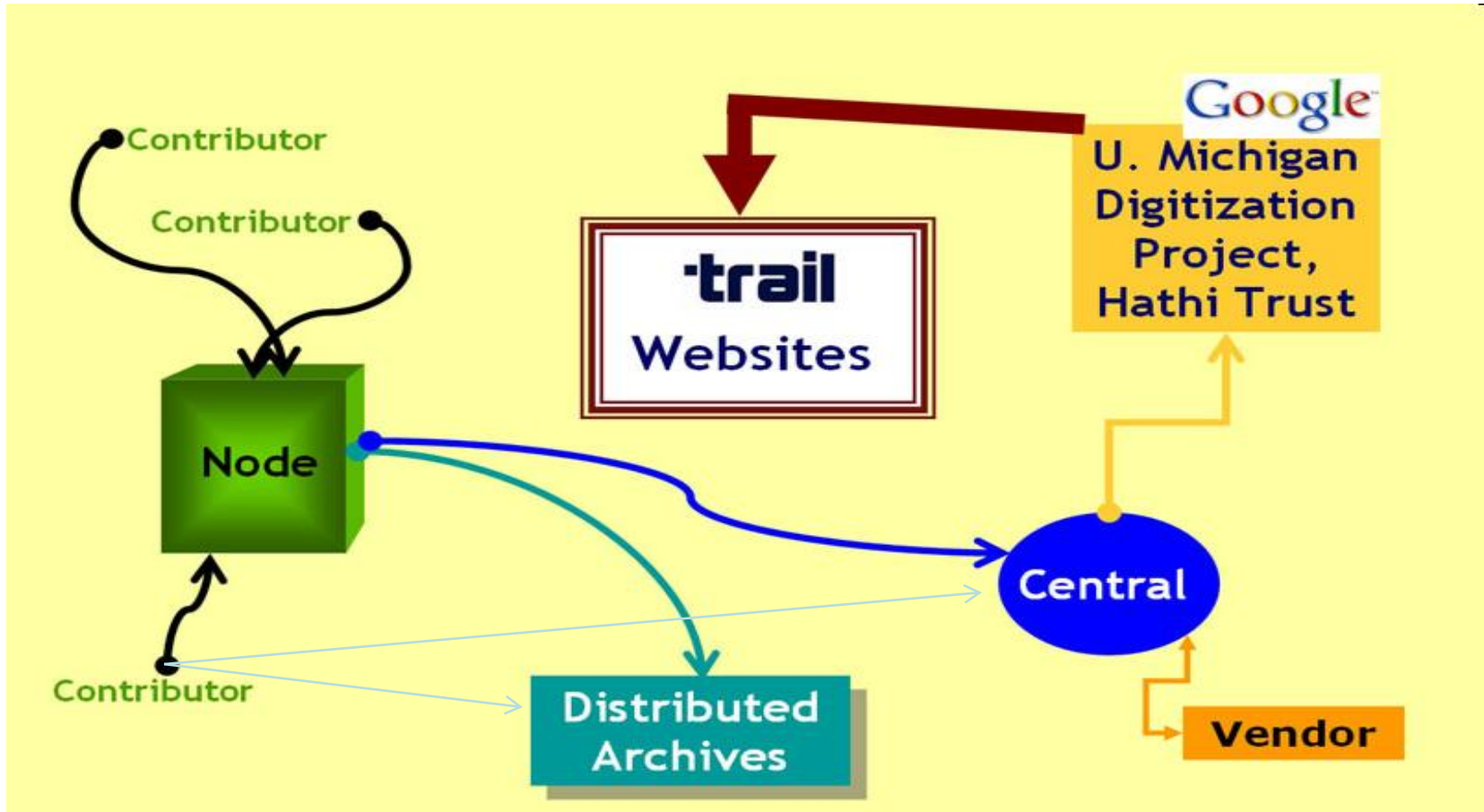
[How to "Get This"](#)

	Title Control of diesel particulate matter in underground coal mines / by W.F. Watts, Jr. ... [et al.]
Electronic Location	Hathi Trust Digital Library (Full Text) http://hdl.handle.net/2027/mdp.39015078475145 Search in this book: <input type="text"/> <input type="button" value="Search"/>
Holdings	What Libraries Have
Published	Washington, D.C. (2401 E St., N.W., MS #9800, Washington 20241) : U.S. Dept. of the Interior, Bureau of Mines, 1989.
Format	Electronic Resource HathiTrust Book
System Req'ts.	Mode of access: Internet.
Description	11 p. : ill. ; 28 cm.
Series Statement	Report of investigations / United States. Bureau of Mines ; ; 9276
Subject-Lib. Cong.	Diesel motor exhaust gas -- Environmental aspects. Mine ventilation -- Equipment and supplies. Coal mines and mining.
Contributors-People	Watts, W. F. (Winthrop, F.) Baumgard, K. J. Cantrell, B. K. Rubow, K. L.
Bibliography/Index	Bibliography: p. 10.
LCCN	89600165

Mission

...to identify, digitize, archive and provide persistent and unrestricted access to federal technical reports issued (generally) prior to 1975.

Workflow




Defining a Collection

- Pre-1975 technical reports
- Dead agencies preferred
- Limited copyright issues
- Clear security status
- Must include some text

Scale – at least 18 boxes/month

Identifying Other Projects

**NASA TECHNICAL REPORTS SERVER (NTRS)**
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SEARCH NTRS
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Find Results With:
Enter Search Term:

(Enclose terms in double quotes to search for a phrase, e.g. "space shuttle".)

Minerals Yearbook
[Browse the Minerals Yearbook](#)
[Search only the full text](#)
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[About The Ecology and Natural Resources Collection](#)


To access or cite this collection:
<http://digital.library.wisc.edu/1711.dl/EcoNatRes.MineralsYearBk>

Jump to: Technical Note
About the Collection
The University of Wisconsin Digital Collection Center presents 60 years of Minerals Yearbook, an annual publication by the US Geological Survey that reviews the mineral and material industries of the United States and foreign countries. The Yearbook contains statistical data on materials and minerals and includes information on economic and technical trends and development.
Related Resources

- United States Geological Survey
- Minerals Yearbook (USGS)

Technical Note
Please note that full-text searching for the electronic-facsimile texts in our collections is based on uncorrected OCR (Optical Character Recognition) results. While such text is often highly accurate, it will contain errors that may affect your search results. In particular, texts with the following characteristics are particularly prone to error (in some cases, accuracy for such texts is so low that we have decided not to attempt to provide full-text searching):

- Hand-written texts;
- Texts that contain diacritics;
- Texts that contain non-Latin scripts;
- Texts that contain obsolete characters (including the "long S" [looks like an "f"]);
- Texts that are printed in a font in which the letters are difficult for the software to differentiate.

**MINERALS YEARBOOK**
Bureau of Mines
Minerals yearbook 1993

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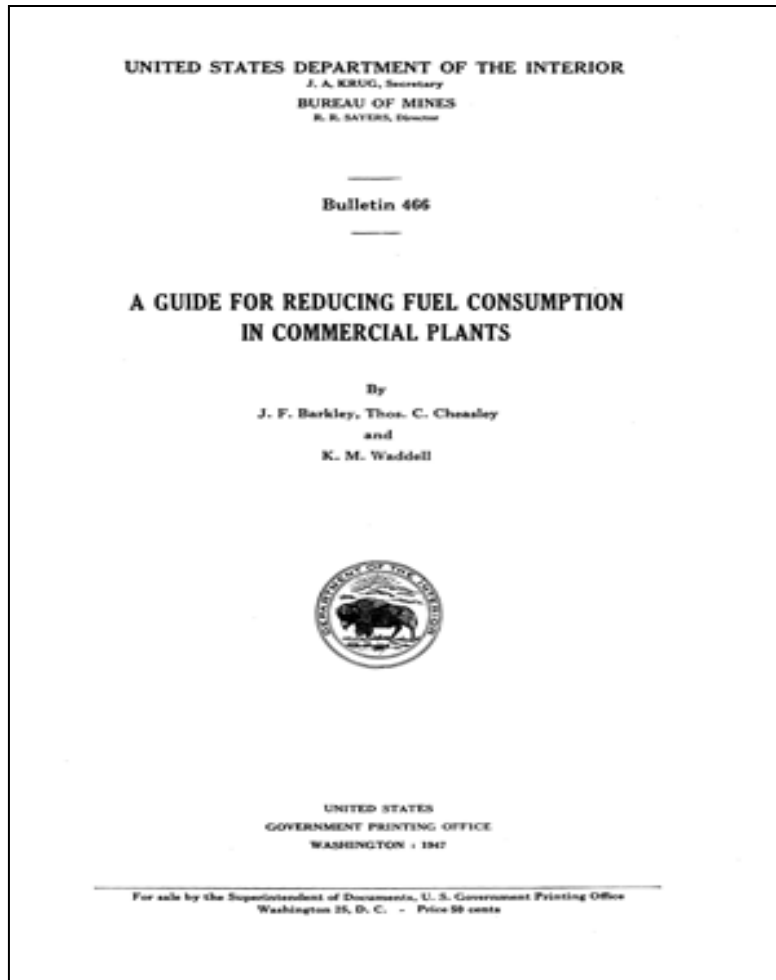


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NASA Official: Calvin Mackey
Page Curator: NASA Center for
AeroSpace Information
(help@sti.nasa.gov)
Last Updated: July 5, 2007

Procuring Collections - Serendipity



Bureau of Mines Bulletins

- 8th place on priority list
- Collection offered due to library closing
- 80% complete
- Unique features

Procuring Collections - Planning

APPENDIX B: Federal Executive Agencies Terminated, Transferred, or Changed in Name Subsequent to March 4, 1933

NOTE: Italicized terms indicate obsolete agencies, organizations, and entities. In most instances, explanatory remarks are written at those terms elsewhere in this appendix. Dates prior to March 4, 1933, are included to provide additional information about the agencies.

This appendix is indexed in a format considered to be useful to the reader. Entries are carried at the most significant term in their titles, or when there is more than one significant term, the entry is carried at the first significant term. Thus, Bureau of the Budget is found at Budget, Bureau of the, and Annual Assay Commission is found at Assay Commission, Annual. Reader comments on the format are encouraged and should be sent to the address shown on page iv of the *Manual*.

Accounting Office, General Established by act of June 10, 1921 (42 Stat. 20). Renamed Government Accountability Office by act of July 7, 2004 (116 Stat. 814).

ACTION Established by Reorg. Plan No. 1 of 1971 (5 U.S.C. app.), effective July 1, 1971. Reorganized by act of Oct. 1, 1973 (87 Stat. 405). Functions relating to SCORE and ACT programs transferred to Small Business Administration by EO 11871 of July 18, 1975 (40 FR 30915). Functions exercised by the Director of ACTION prior to Mar. 31, 1995, transferred to the Corporation for National and Community Service (107 Stat. 888 and Proclamation 6662 of Apr. 4, 1994 (57 FR 16507)).

Acts of Congress See State, Department of

Administrative Conference of the United States Established by act of Aug. 30, 1964 (78 Stat. 615). Terminated by act of Nov. 19, 1995 (109 Stat. 480).

Advanced Research Projects Agency See Defense Advanced Research Projects Agency

Advisory Board. See other part of title

Aeronautical Board Organized in 1916 by agreement of War and Navy Secretaries. Placed under supervision of President by military order of July 5, 1939. Dissolved by Secretary of Defense letter of July 27, 1948, and functions transferred to Munitions Board and Research and Development Board. Military order of July 5, 1939, revoked by military order of Oct. 18, 1948.

Aeronautics, Bureau of Established in the Department of the Navy by act of July 12, 1921 (42 Stat. 140). Abolished by act of Aug. 18, 1959 (73 Stat. 395) and functions transferred to Bureau of Naval Weapons.

Aeronautics, National Advisory Committee for

Terminated by act of July 29, 1958 (72 Stat. 432), and functions transferred to National Aeronautics and Space Administration, established by same act.

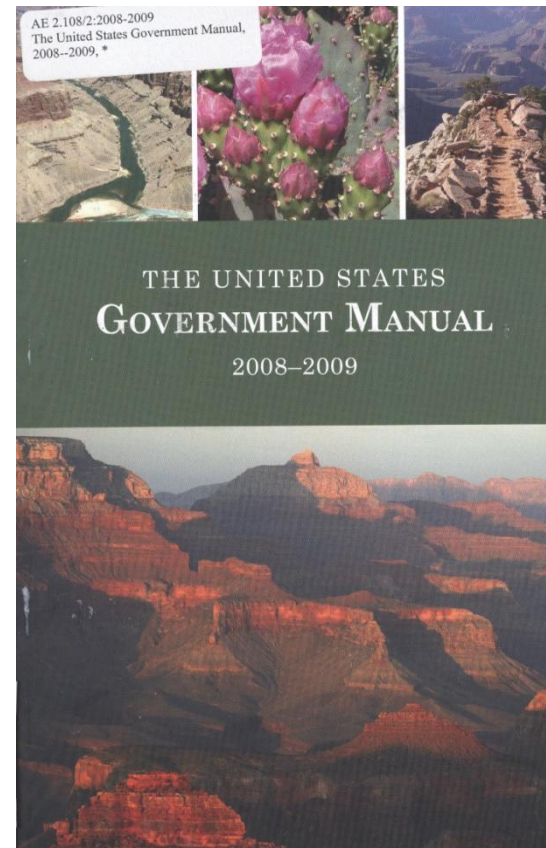
Aeronautics Administration, Civil See Aeronautics Authority, Civil

Aeronautics Authority, Civil Established under act of June 23, 1938 (52 Stat. 973). Renamed Civil Aeronautics Board and Administrator transferred to the Department of Commerce by Reorg. Plan Nos. III and IV of 1940, effective June 30, 1940. Office of Administrator designated Civil Aeronautics Administration by Department Order 52 of Aug. 29, 1940. Administration transferred to Federal Aviation Agency by act of Aug. 23, 1958 (72 Stat. 810). Functions of Board under act of Aug. 23, 1958 (72 Stat. 775), transferred to National Transportation Safety Board by act of Oct. 15, 1966 (80 Stat. 931). Functions of Board terminated or transferred—effective in part Dec. 31, 1981; in part Jan. 1, 1983; and in part Jan. 1, 1985—by act of Aug. 23, 1958 (92 Stat. 1744). Most remaining functions transferred to Secretary of Transportation, remainder to U.S. Postal Service. Termination of Board finalized by act of Oct. 4, 1984 (98 Stat. 1703).

Aeronautics Board, Civil See Aeronautics Authority, Civil

Aeronautics Branch Established in the Department of Commerce to carry out provisions of act of May 20, 1926 (44 Stat. 568). Renamed Bureau of Air Commerce by Secretary's administrative order of July 1, 1934. Personnel and property transferred to Civil Aeronautics Authority by EO 7959 of Aug. 22, 1938.

Aeronautics and Space Council, National Established by act of July 29, 1958 (72 Stat. 427). Abolished by Reorg. Plan No. 1 of 1973, effective



Developing the list...



ReportsofInterest.accdb
Microsoft Office Access 2007 ...
2,816 KB



Series Review 2008DS.xlsx
Microsoft Office Excel Worksh...
13 KB



Ranked report sets.doc
Microsoft Office Word 97 - 20...
28 KB

And then there was ...

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VIEW **EDIT**

FrontPage

last edited by  Nicole 1 mo ago

Welcome to the TRAIL Central Processing Wiki

This wiki is intended to serve as a communication mechanism amongst the staff of the Technical Report Archive & Image Library (TRAIL)! Please add information...

Google docs
beta

FOR THIS MONTH



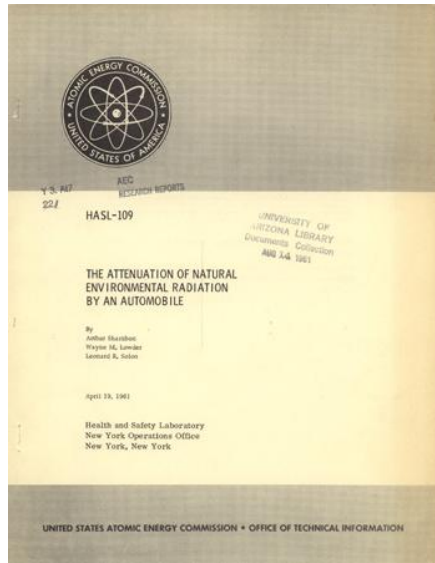
[Running Report of Collection Group activities](#)

FOR THIS YEAR

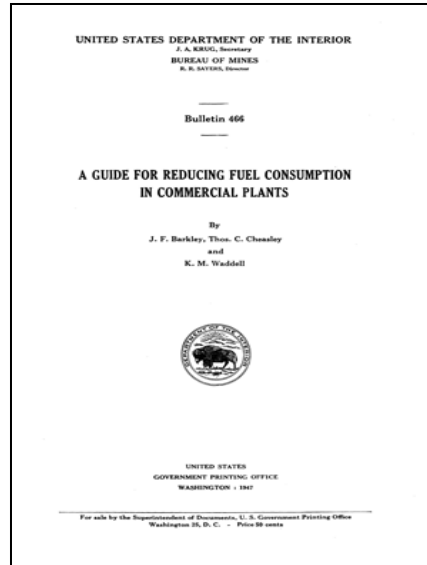


[Agency and Series Review List](#)

Collections (on pilot site)



Atomic Energy
Commission
-selected series
-available pieces



Bureau of Mines
Bulletin
(Size and retrieval)



National Bureau
of Standards
Monographs

Series appearing in Hathi Trust

- USBM (US Bureau of Mines)
 - Reports of Investigations
 - Information Circulars
- AEC (Atomic Energy Commission)
 - Argon National Laboratory

Series status

- Soon to be released
 - Office of Saline Waters
 - U. S. Fish and Wildlife Special Scientific Report – Wildlife I 49.15/3.
 - MDDC (Manhattan Engineering District Declassified Code)
- Being completed
 - USBM series
 - AEC series
- Being gathered
 - NBS series

Next in line?

- More AEC
- NUREG (Nuclear Regulatory Commission)
- DMIC (Defense Metals Information Center)
- Coast and Geodetic Survey – US Earthquakes
- US Fish and Wildlife
- REA (Rural Electrification)

Get Involved

- Very human process
- Information/labor intensive
- NEED Materials

Next steps!

<http://trailproject.blogspot.com/>

<http://technicalreports.org/>

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