



Welcome to the USGS Library!

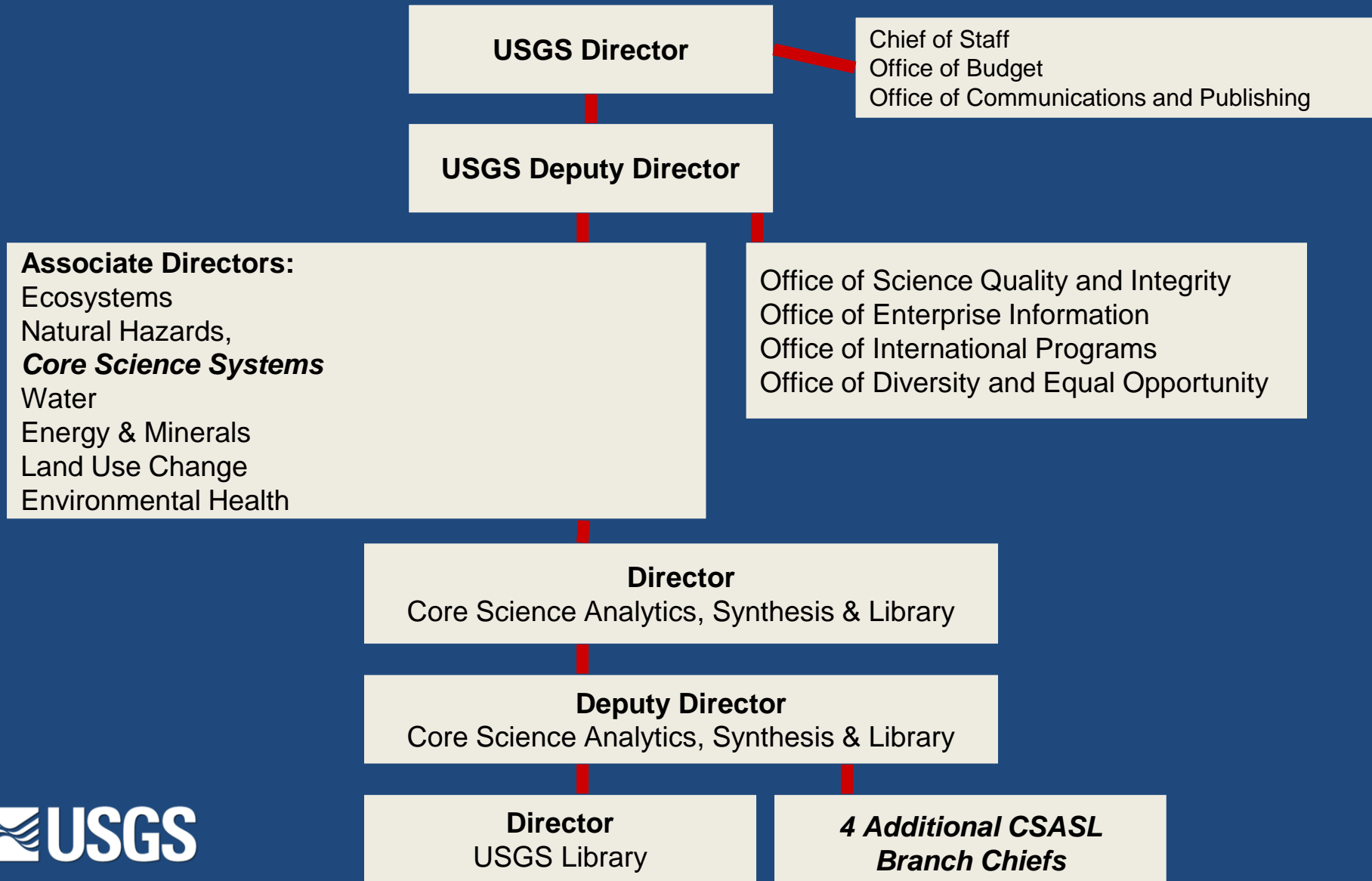
Federal Depository Library Conference
23 October 2018

Overview of the US Geological Survey & USGS Library

Topics:

- US Geological Survey organizational structure
- Library organizational structure
- Library Collections
- Publications Warehouse and Digitization
- Library Services
- Library Statistics
- Stakeholder Input
- Challenges
- Questions

US Geological Survey Organizational Structure



USGS Library Organizational Structure

Director: USGS Library

Supervisory Librarian:
Public Services (Reston)
Holly Nickle

Supervisory Librarian:
Technical Services (Reston)
Sally Roberts

*Supervisory Librarian:
Digital Services (Reston)
(Vacant)*

Supervisory Librarian:
Denver/Menlo/Flagstaff
Keith Van Cleave

Keegan Johnson - Librarian
Helen Keremedjiev - Library Tech
Devon Galena - Library Tech
Steve Viands - Clerk

Jez Gaddoura - Librarian
Tami Morse - Librarian
Kelly Haberstroh - Librarian
Pam Callais - Library Tech
Erin Donnelly - Technical
Information Specialist

*Technical Information
Specialist (Vacant)*

*Technical Information
Assistant (Vacant)*

April Kobayashi - Librarian
Jenny Stevens - Librarian
Lily Sheng - Librarian
Rebecca Bolger - Librarian
M. Moore - Library Tech (MP)
R. Rodriguez - Librarian (MP)
Donita Polly - Library Tech (F)

Librarian (Vacant)
Library Tech (Vacant)
Library Tech (Vacant)

Librarian (Vacant)



USGS Library Vision and Mission

Vision: Recognized as the national leader in geoscience research, the USGS Library provides and promotes access to world class geoscience print and online resources that inspire scientific exploration and discovery.

Mission: The USGS Library fosters the success of the worldwide geosciences community by providing foundational resources and services to support critical and timely scientific investigations. Through stewardship of assets for future generations, the USGS Library advances discovery, use, management, and preservation of the geosciences record.

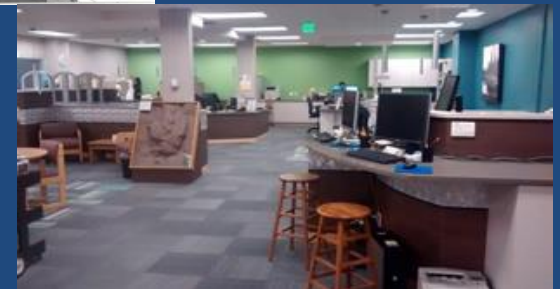


Library Collections

USGS Library has one of the world's largest Earth and natural sciences collection

Library was established in 1879 and contains materials dating back to the 16th century

- 1,500,000 volumes
- 750,000 maps
- 500,000 historical photos
- 30,000 archival notebooks
- 775 e-journals, 10,000 e-books
- Publications Warehouse



Library Collections

- USGS Reports, Maps, and Publications
- Worldwide topographic and thematic map coverage
- State and Foreign Geological Survey research output
- Subject Literature
- Earth and General Science Journals
- Government Documents and Grey Literature
- Special Collections

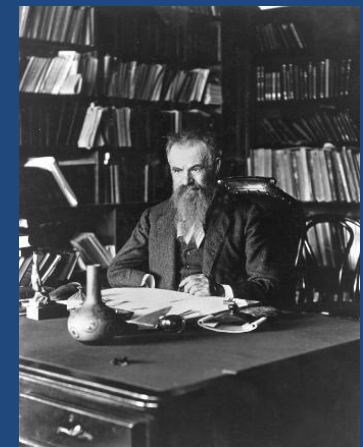
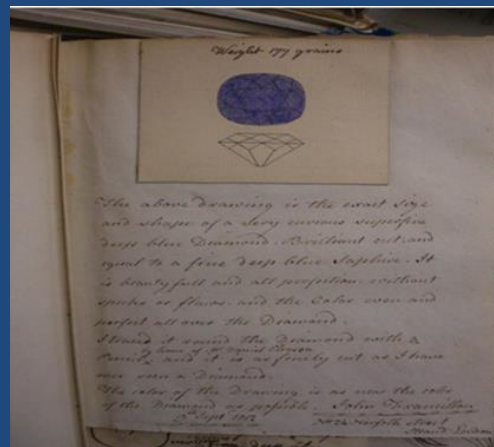
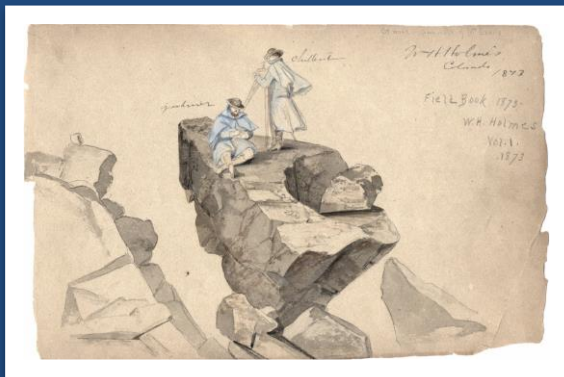
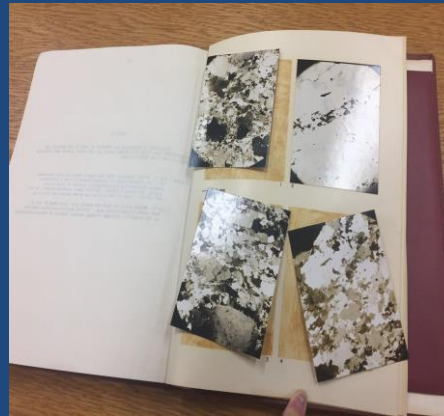
28,266 titles (7 % of collection) are unique to OCLC
40-60% of titles held in less than 20 libraries

Specialized classification system



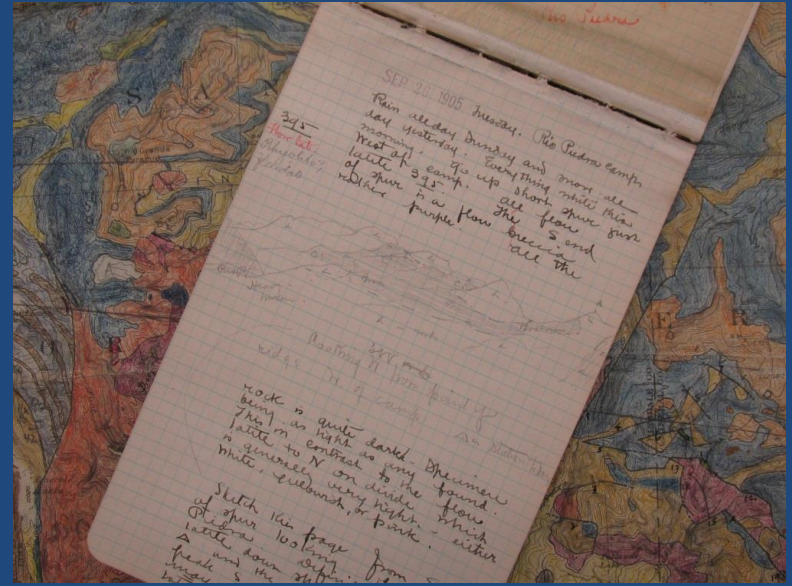
Special Collections

- Rare Books and Maps
- Kunz Collection
- Topographic Map Archive
- Scientific Field Records
- Historical Photography
- Aerial Photos



Special Collections - Scientific Field Records

- Archive of unpublished materials and data
- 135 years of geologic investigations
- Records contributed from 1400 scientists
- 400 collections are fully inventoried
- Collection is not digitized - scanning pilot project in progress



USGS Geology Field Notebook, Earl E Brabb View ▾

Dates

Start Date :	1968-03-30
End Date :	1968-05-17
Last Processing Date :	2018-01-24

Summary

This USGS Geology Field Notebook includes geologic and other notes from trips to Europe, including Austria, Belgium, Czechoslovakia, France, Germany, Great Britain, Hungary, and Italy. Information was recorded in 1968. Notebook titled by author: "Europe I". Content includes field stations E21 to E541, geologic and other notes, as well as Polaroid-type photographs attached to notebook pages, many with annotations.


Contacts

Data Owner :	GS-G HQ Library
Principal Investigator :	Earl E Brabb



Attached Files ▾

Click on title to download individual files attached to this item.

Map »



Spatial Services

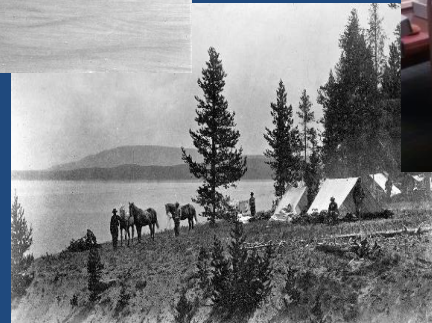
ScienceBase WMS : <https://www.sciencebase.gov/catalog>  

Associated Items

Special Collections - Historical Photographic Collection

Collect, preserve, and make available the images taken during USGS scientific research, dating back as far as the 1860's

500,000 images in collection with 42,000 images available online



Photographic Collection Online

USGS
science for a changing world

USGS Home
Contact USGS

USGS Denver Library Photographic Collection

Photo Collection Home USGS Library Home About Contact Search Photos Collection

Swiftcurrent Valley, Glacier National Park, Montana. 1911.
Glacier National Park, Montana. Swiftcurrent Valley, from just below Swiftcurrent Pass, looking east or down the valley. Part of Grinnell Mountain on the right and Appekunny on the left. 1911.

Items **40 / 42,400**

Categories

- photographers (20501)
- national parks (7106)
- professional paper... (2855)
- pioneer photograph... (2576)
- glaciers (2074)
- formations (2006)
- rocks (1832)

(see No. 179) U.S.G.S. sign plates on county post, at junction of Cave Springs-Barstow and Silver Lake-Leach Spring road, 23 miles northwest of Silver Lake, California, sec.

(see No. 179) U.S.G.S. sign plates on county post, at junction of Cave Springs-Barstow and Silver Lake-Leach Spring road, 23 miles northwest of Silver Lake, California, sec. 8, T. 16 N., R. 5 E. Enlargement of No. 147 retouched to bring out lettering on sign plates. Crucero Quadrangle, San Bernardino County, California. January 16, 1918. Plate 3, U.S. Geological Survey Water Supply Paper 490-B.

[Small Image](#) [Medium Image](#) [Large Image](#) [Full Image](#)

Special Collections - Aerial Photography

Aerial Photography Collection contains 300,000 historic aerial photo prints, covering California and selected regions in the West

Decade interval coverage beginning in the late 1930's and early 1940's through the present for the entire San Francisco Bay Area.



Special Collections - Maps

- Historical Topographic Map Archive
- USGS Thematic Maps
- Historical Maps
- Worldwide Coverage (and Beyond)



Historical Topographic Map Collection

The screenshot displays the USGS topoView web application interface. The main map shows a topographic view of the Washington, VA area, with a red box highlighting the location of Mt. Vernon. The interface includes a search bar, a date range slider from 1880 to 2010, and a list of map records for Mt. Vernon, VA. The records are filtered by a scale of 1:125000 and include various file formats like JPEG, GeoTiff, KMZ, and GeoPDF.

Location: Map Name
Search by map name

1880 2010

All 250K 100K 63K 48K 24K HTMC UST ALL

13 maps. Filtered by ~100K scale from 1880 to 2010 near
4306 Oak Hill Dr, Annandale, VA 22003 | Elev: 394 ft



Filter records

Name	Date	Scale	State
Mt Vernon, VA	1890 (1890 ed.)	Scale 1:125000	VA
Mt Vernon, VA	1891 (1891 ed.)	Scale 1:125000	VA
Mt Vernon, VA	1894 (1926 ed.)	Scale 1:125000	VA
Mt Vernon, VA	1894 (1918 ed.)	Scale 1:125000	VA
Mt Vernon, VA	1894 (1912 ed.)	Scale 1:125000	VA
Mt Vernon, VA	1894 (1909 ed.)	Scale 1:125000	VA


SHOW INFO ZOOM PAN PIN FIX

Leaflet © Mapbox © OpenStreetMap | Improve Showers and thunderstorms, 78° near Annandale, VA

National Geologic Map Database

USGS HOME CONTACT USGS SEARCH USGS


[Home](#) [Catalog](#) [Lexicon](#) [MapView](#) [Standards](#) [Comments](#)




The National Geologic Map Database

Developing a distributed archive of standardized geoscience information for the nation.


Map Catalog
Find over 90,000 products from over 600 publishers




Stratigraphy
Find geologic names, charts, and guidelines




MapView
Discover geologic maps through our map interface

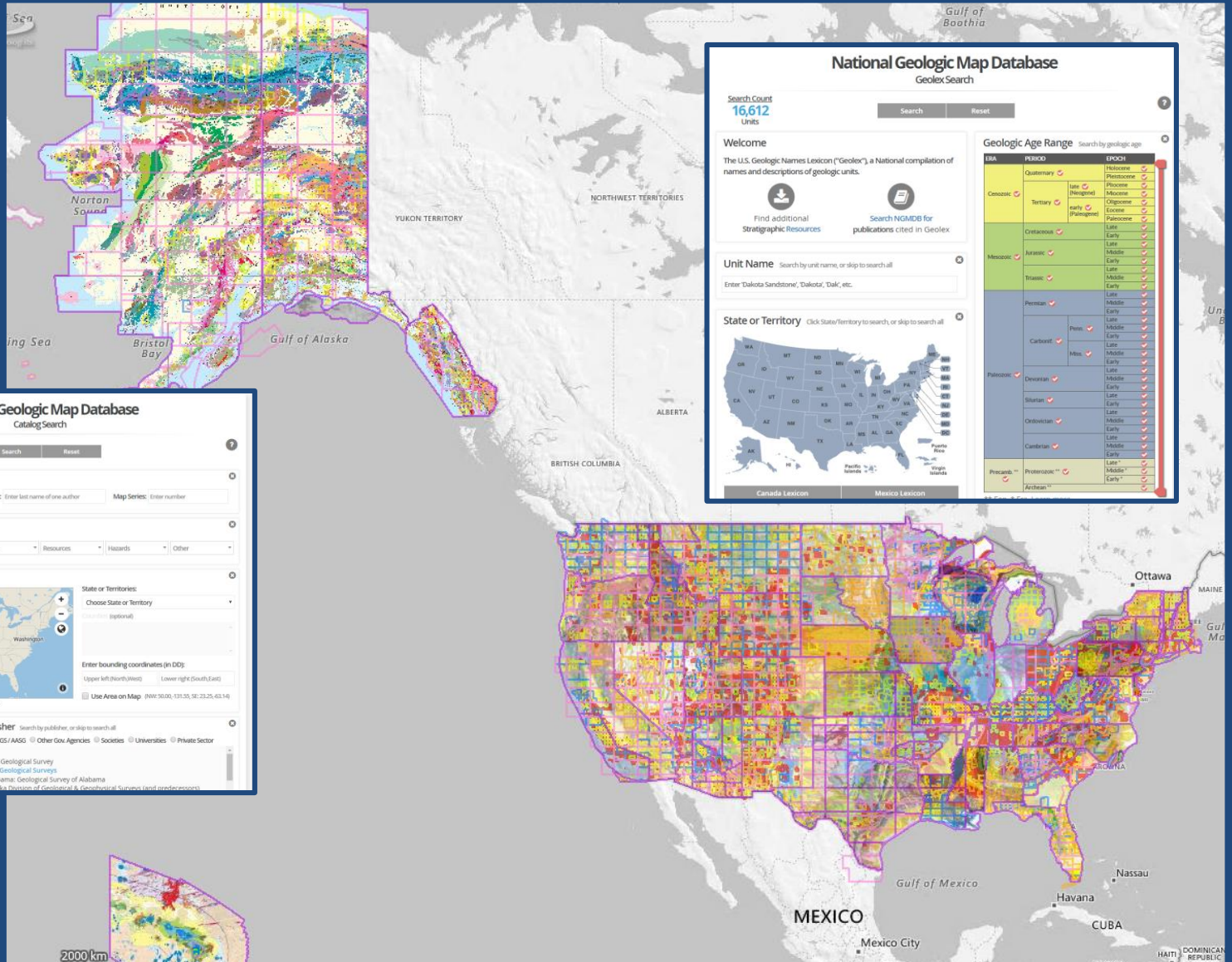


TopoView
Access the Historical Topographic Map Collection





National Geologic Map Database



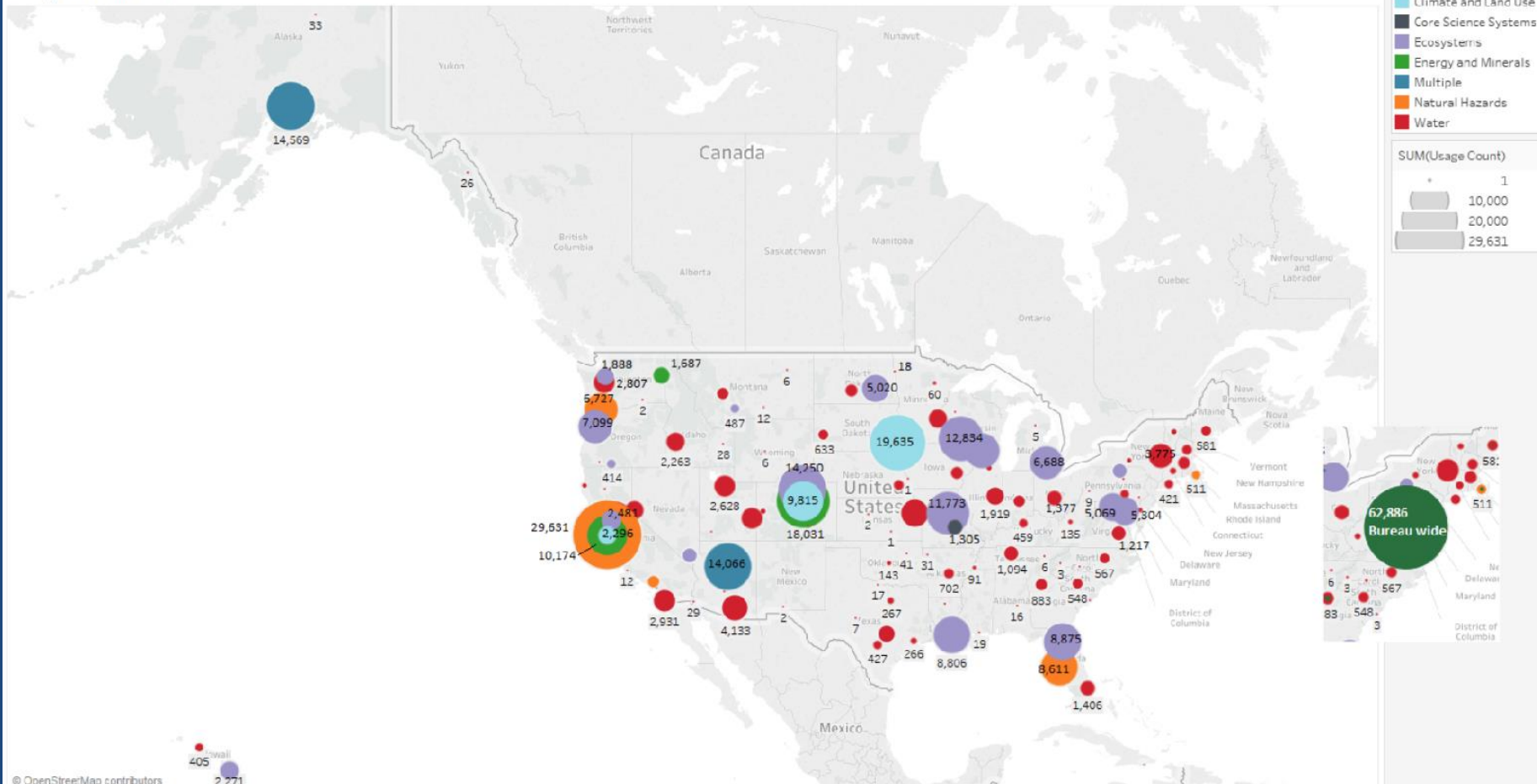
Online resources and subscriptions

- ~ 775 online journal subscriptions, bureau wide access to nearly all
- Over 10,000 ebooks available, most are subject packages
- Subscriptions to Scopus, Web of Science, and GeoRef
- Licenses are through Contracting Office, any change in titles or access requires contract modification



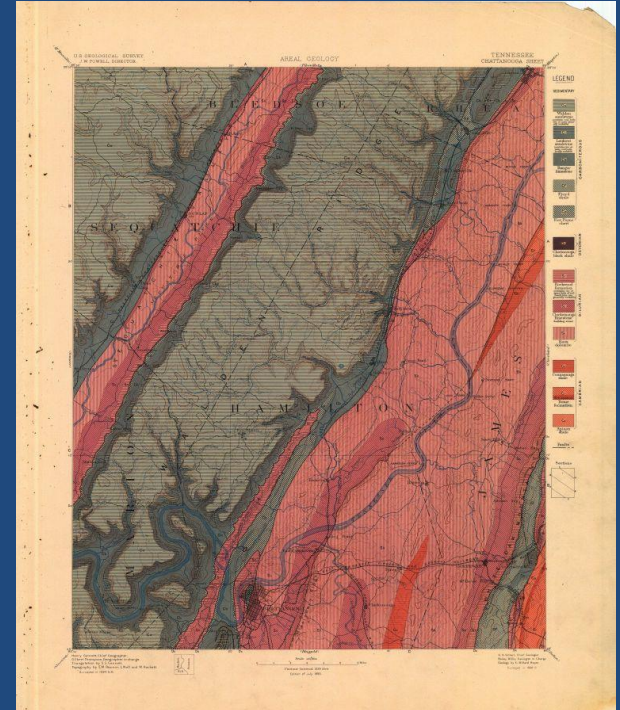
Online resources - Subscription Use on the Landscape

Map/Mission Area



Digitization

- Priorities
 - Patron requests
 - USGS series donated for destructive scanning
 - Gap-filling USGS series from Library collection
- Special Collections/Projects
 - Biodiversity Heritage Library
 - USGS Denver Library Photos
 - USGS Field Records
 - USGS Historical Topographic Maps



	FY16	FY17	FY18 (Through August)
Pubs scanned	259	461	1,065
Pages scanned	29,443	44,700	37,777
Plates scanned	447	563	1,281
Links added	1,920	1,017	484

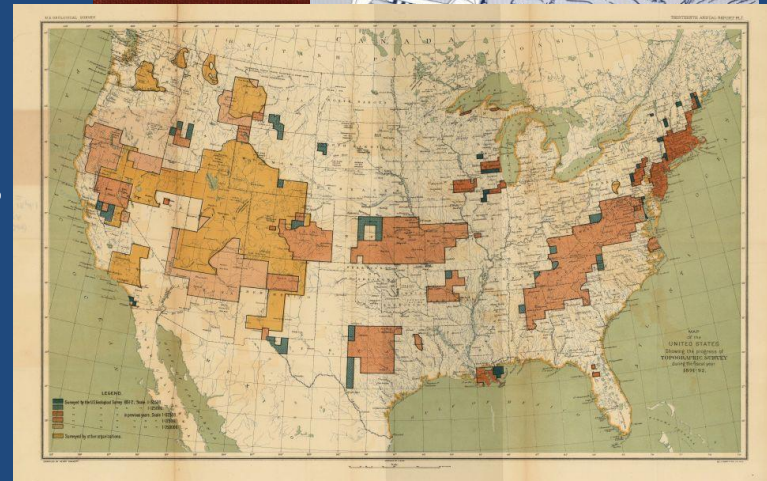
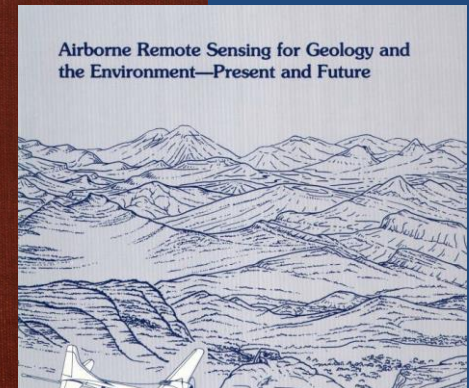
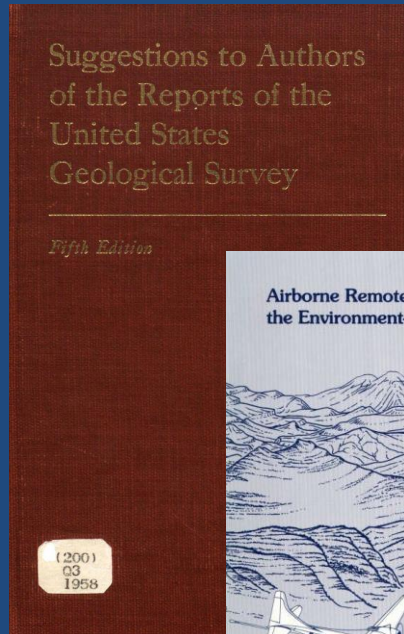
Digitization Equipment and Storage

- 9 scanners in Reston
 - 2 maps scanners
 - 2 overhead camera book scanners
 - 2 sheet feeder
 - 1 microfiche, 1 microfilm, 1 slide
- 5 scanners in Denver
 - 3 flatbed photo scanners
 - 1 overhead camera book scanner
 - 1 topo-sized map scanner
- 400 ppi standard, 600 ppi for some maps
- Each page saved as uncompressed TIFF
- Storage
 - Access PDF files stored/served on NatWeb
 - Preservation master TIFFs onsite in external hard drive and local network storage devices, offsite in BlackPearl tape storage system



USGS Publications Warehouse

- Focused on digitizing USGS-published materials
- Over 80% of USGS series publications available full-text in Publications Warehouse
- Supports the [USGS Public Access Plan](#)
- USGS's federally-funded research outputs are accessible to a wide audience



USGS Publications Warehouse

← → ↻ 🏠 🔒 https://pubs.er.usgs.gov

USGS
science for a changing world

USGS Home
Contact USGS
Search USGS

USGS Publications Warehouse Explore Documentation Contact

search terms

USGS Publications Warehouse






The Pubs Warehouse provides access to over 150,000 publications written by USGS scientists over the century-plus history of the bureau

Search for Publications


✕ Search terms 🔍

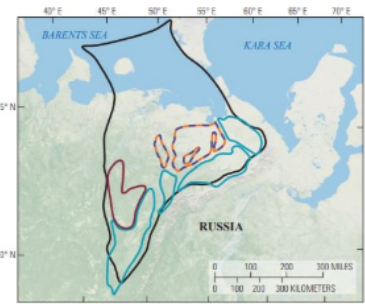
Search Show Advanced Search

New Publications by USGS Authors

-  Mangrove forests in a rapidly changing world: Global change impacts and conservation opportunities along the Gulf of Mexico coast
2018, Estuarine, Coastal and Shelf Science
-  Serum proteins in healthy and diseased Florida manatees (*Trichechus manatus latirostris*)
2018, Comparative Clinical Pathology
-  Genetic analyses of *Astragalus* sect. *Humillimi* (Fabaceae) resolve taxonomy and enable effective conservation
2018, American Journal of Botany
-  Quantifying and forecasting changes in the areal extent of river valley sediment in response to altered hydrology and land cover
2018, Progress in Physical Geography: Earth and Environment
-  California Sea Otter (*Enhydra lutris nereis*) Census Results, Spring 2018
2018, Data Series 1097

Tweets by @USGS_Pubs

 **USGS Pubs Warehouse** ✓
@USGS_Pubs
Assessment of continuous oil and gas resources of the Timan-Pechora Basin Province, Russia, 2018
doi.org/10.3133/fs2018...



Base map from U.S. Department of the Interior National Park Service

EXPLANATION

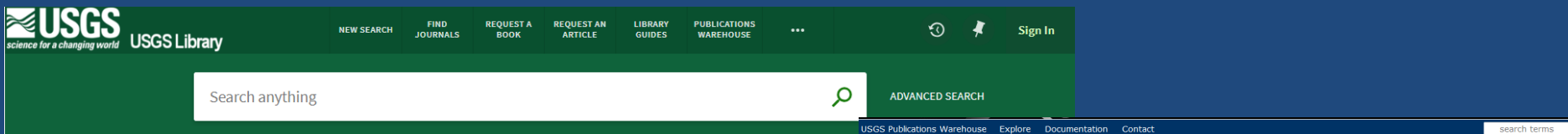
- Denison-Khoreyver Domanik Shale Oil AU
- Ichina-Pechora Domanik Shale Oil AU
- - - Denison-Khoreyver Shale Gas AU

2h

USGS Pubs Warehouse Retweeted

Embed View on Twitter

Library Services



USGS science for a changing world USGS Library

NEW SEARCH FIND JOURNALS REQUEST A BOOK REQUEST AN ARTICLE LIBRARY GUIDES PUBLICATIONS WAREHOUSE ...

Search anything ADVANCED SEARCH

USGS Publications Warehouse Explore Documentation Contact

Welcome to the new USGS Library Catalog!

- [New catalog search help](#)
- [USGS Library guides](#)
- [Ask a Librarian](#)
- [Tell us what you think](#)

What are you searching?

- ▶ **Library Collection** — USGS Library print and digital books, journals, maps, and other materials.
- ▶ **Articles** — Central index of hundreds of millions of scholarly citations, abstracts, and some full text.
- ▶ **Everything** — USGS Library collection and central citation index.

Why should you sign-in?

- Access full text
- Create favorites lists
- Save searches
- Set alerts
- Request items
- Renew materials

Sign In requires a Library Account.
Please email library@usgs.gov to request an account.



USGS Publications Warehouse

The Pubs Warehouse provides access to over 150,000 publications written by USGS scientists over the century-plus history of the bureau

Search for Publications

Search terms

Search Show Advanced Search

New Publications by USGS Authors

-  Collections Management Plan for the U.S. Geological Survey Woods Hole Coastal and Marine Science Center Samples Repository
2018, Open-File Report 2018-1100
-  A Database of Biodiversity and Habitat Quantification Tools Used in Market-Based Conservation
2018, Fact Sheet 2018-3039
-  Flood-Inundation Maps for the Pawtuxet River in West Warwick, Warwick, and Cranston, Rhode Island
2018, Scientific Investigations Report 2018-5043



Tweets by @USGS_Pubs

USGS Pubs Warehouse @USGS_Pubs

Summary of estimated water use in the United States in 2015 doi.org/10.3133/RS2015



2015 withdrawals by category, in billion gallons per day

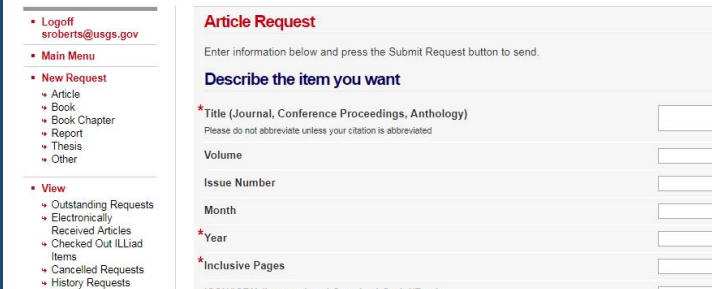
- Public supply 30%
- Self-supply 10%
- Thermoelectric 10%
- Industry 10%
- Domestic 10%
- Residential 10%
- Other 10%
- Unaccounted 10%

- Total withdrawals in 2015 were 222 billion gallons per day (Bgal), resulting in a 3 percent decrease since 2010.
- Since 2010, population increased 4 percent and total domestic use decreased 3 percent, which reduced per-capita use to 82 gallons per day.
- Consumptive use accounted for 42 percent of water used for irrigation, and 3 percent of water used for thermoelectric power in 2015.
- Withdrawals for thermoelectric power, irrigation, and public supply accounted for 90 percent of total withdrawals in 2015.



USGS science for a changing world LIBRARIES PROGRAM

Document Delivery Using ILLiad



Article Request

Enter information below and press the Submit Request button to send.

Describe the item you want

* Title (Journal, Conference Proceedings, Anthology)
Please do not abbreviate unless your citation is abbreviated

Volume

Issue Number

Month

* Year

* Inclusive Pages

Logoff sroberts@usgs.gov

Main Menu

New Request

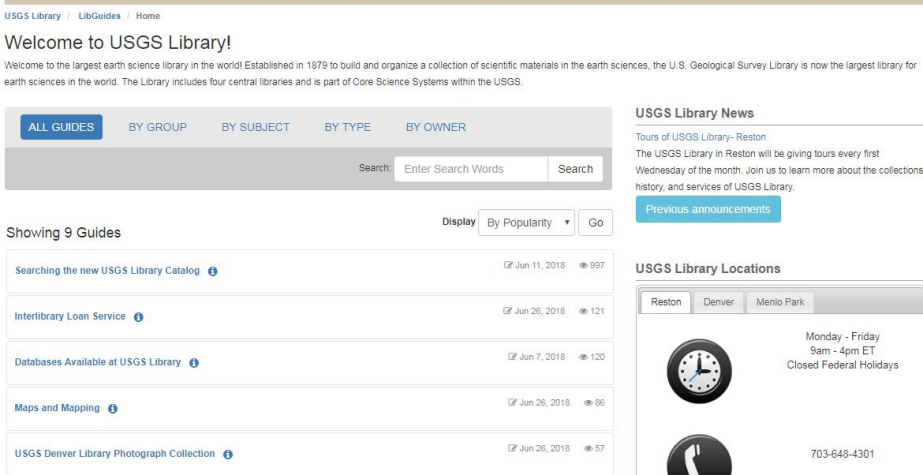
- Article
- Book
- Book Chapter
- Report
- Thesis
- Other

View

- Outstanding Requests
- Electronically Received Articles
- Checked Out ILLiad Items
- Cancelled Requests
- History Requests



USGS science for a changing world USGS Library Reston • Denver • Menlo Park



USGS Library | LibGuides | Home

Welcome to USGS Library!

Welcome to the largest earth science library in the world! Established in 1879 to build and organize a collection of scientific materials in the earth sciences, the U.S. Geological Survey Library is now the largest library for earth sciences in the world. The Library includes four central libraries and is part of Core Science Systems within the USGS.

ALL GUIDES BY GROUP BY SUBJECT BY TYPE BY OWNER

Search: Enter Search Words Search

Showing 9 Guides

- Searching the new USGS Library Catalog Jun 11, 2018 997
- Interlibrary Loan Service Jun 26, 2018 121
- Databases Available at USGS Library Jun 7, 2018 120
- Maps and Mapping Jun 26, 2018 86
- USGS Denver Library Photograph Collection Jun 26, 2018 57

USGS Library News

Tours of USGS Library - Reston

The USGS Library in Reston will be giving tours every first Wednesday of the month. Join us to learn more about the collections, history, and services of USGS Library.

[Previous announcements](#)

USGS Library Locations

Reston Denver Menlo Park

Monday - Friday
9am - 4pm ET
Closed Federal Holidays


703-648-4301



Upcoming improvements

Working on incorporating Publications Warehouse content into USGS Library Catalog, including Altmetric badges, for seamless searching across platforms

USGS Publications Warehouse Explore Documentation Contact search terms



Reducing risk where tectonic plates collide—U.S. Geological Survey subduction zone science plan Circular 1428

By: Joan S. Gomberg, Kristin A. Ludwig, Barbara Bekins, Thomas M. Brocher, John C. Brock, Daniel Brothers, Jason D. Chaytor, Arthur Frankel, Eric L. Geist, Matt Haney, Stephen H. Hickman, William S. Leith, Evelyn A. Roeloffs, William H. Schulz, Thomas W. Sisson, Kristi Wallace, Janet Watt, and Anne M. Wein

<https://doi.org/10.3133/cir1428>

[Tweet](#)

29

Links

- Document: [Report \(13 MB pdf\)](#)
- Related Work: [Fact Sheet 2017–3024](#)
- Download citation as: [RIS](#) | [Dublin Core](#)

Abstract

The U.S. Geological Survey (USGS) serves the Nation by providing reliable scientific

First posted June 19, 2017


USGS science for a changing world USGS Library

NEW SEARCH FIND JOURNALS REQUEST A BOOK REQUEST AN ARTICLE

Sally Roberts

Search anything Articles ADVANCED SEARCH

BACK



OTHER

Reducing risk where tectonic plates collide—U.S. Geological Survey subduction zone science plan

Joan S. Gomberg; Kristin A. Ludwig; Barbara Bekins; Thomas M. Brocher; John C. Brock; Daniel Brothers; Jason D. Chaytor; Arthur Frankel; Eric L. Geist; Matt Haney; Stephen H. Hickman; William S. Leith; Evelyn A. Roeloffs; William H. Schulz; Thomas W. Sisson; Kristi Wallace; Janet Watt; Anne Wein
2017

TOP Available Online

SEND TO Send to

DETAILS EMAIL PRINT PERMALINK CITATION EXPORT RIS

ALTMETRICS

View it Now

Digital Version(s) Availability

available at: USGS DC

Details

Title Reducing risk where tectonic plates collide—U.S. Geological Survey subduction zone science plan

Creator Joan S. Gomberg > Kristin A. Ludwig > Barbara Bekins > Thomas M. Brocher >

Description The U.S. Geological Survey (USGS) serves the Nation by providing reliable scientific information and tools to build resilience in communities exposed to subduction zone earthquakes, tsunamis, landslides, and volcanic eruptions. Improving the application of

29

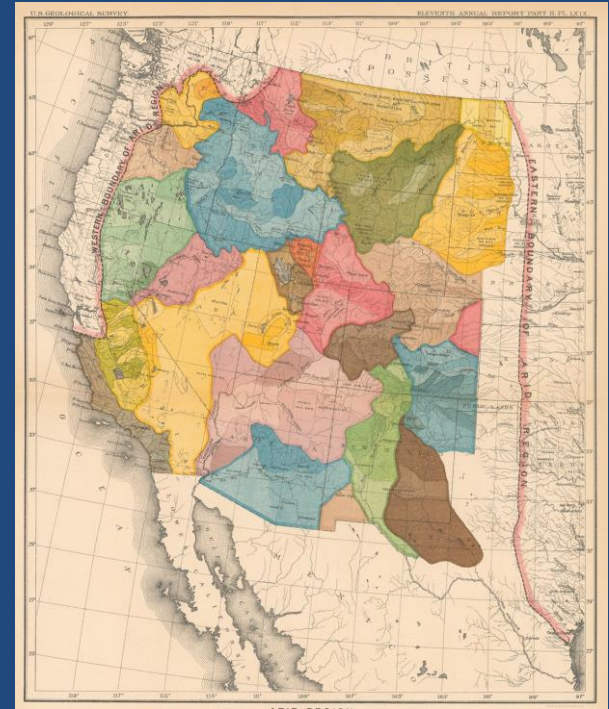
Mentioned by 36 Readers, 5 Research papers, 3 Coauthor users

Readers on 3 Monthly



Reference and Outreach

- Reference services for Public
 - locating/ use of USGS products
 - FOIA and litigation
 - Special Collections
 - Current Events / Natural Hazards
- Tours and sessions reaching over 1800+ per year
- InterLibrary Loan - library of last resort
 - about 3,000 loans/scans this year

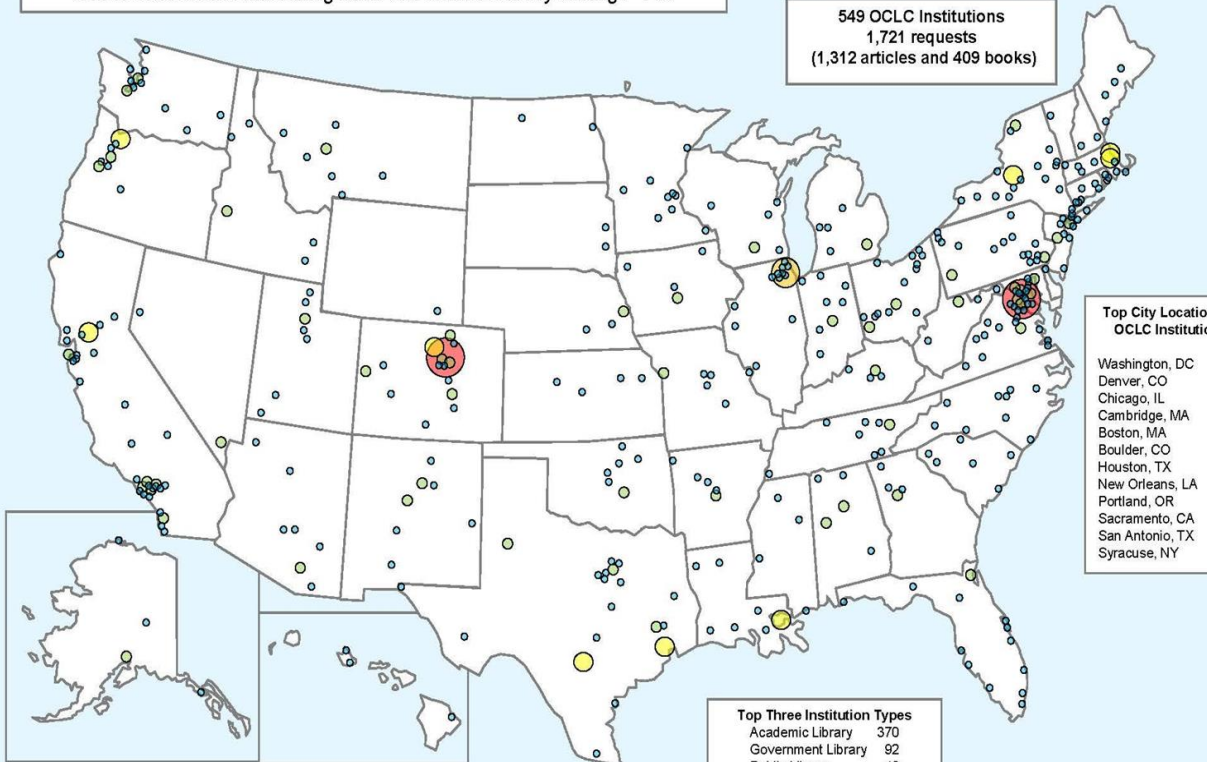


USGS Library: By the numbers

Where did our resources travel?

OCLC institutions borrowing from the USGS Library during FY17

549 OCLC Institutions
1,721 requests
(1,312 articles and 409 books)



Legend
Number of OCLC Institutions in a City

- 1 OCLC Institution
- 2 to 3 OCLC Institutions
- 4 to 5 OCLC Institutions
- 6 to 7 OCLC Institutions
- 8 or more OCLC Institutions

Top Three Institution Types

Academic Library	370
Government Library	92
Public Library	46

US Territories		Number of OCLC Institutions by Country									
Puerto Rico	1	Australia	7	China	3	Hong Kong	1	New Zealand	1	Sweden	1
		Brazil	1	France	1	Lebanon	2	South Africa	2	Thailand	1
		Canada	15	Great Britain	1	Mexico	1	South Korea	3		

Top BORROWING institutions of USGS materials (# of loans)

- US Department of Energy: 61
- Dept of the Interior Library: 48
- Naval Research Lab: 46
- US EPA Library: 41
- Boise State University: 34
- University of Maine at Orono: 32
- Colorado State University: 30
- Centers for Disease Control and Prevention: 30
- Fish & Wildlife Service Library: 30
- Smithsonian Institution Libraries: 30



Stakeholder Input: USGS Library Advisory Board

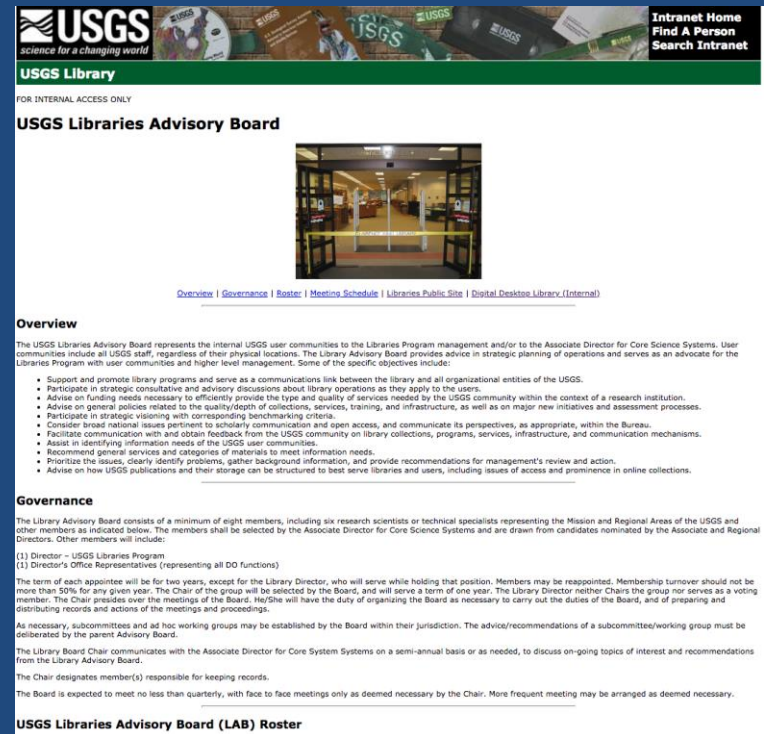
The USGS Libraries Advisory Board represents the internal USGS user communities to the Libraries Program management and/or to the Associate Director for Core Science Systems.

15 members nominated by Mission Areas/Regions:

- includes 13 scientists, the Library Director, and a representative from the Director's Office.

The Library Advisory Board:

- provides advice in strategic visioning and planning of library operations
- serves as an advocate for the Libraries Program with user communities and higher level management
- Considers broad national issues pertinent to scholarly communication and open access, and communicate its perspectives, as appropriate, within the Bureau.
- Facilitates communication with and obtain feedback from the USGS community on library collections, programs, services, infrastructure, and communication mechanisms.
- Assists in identifying information needs of the USGS user communities.



The screenshot shows the top portion of the USGS Libraries Advisory Board webpage. At the top is a navigation bar with the USGS logo and the tagline "science for a changing world". To the right of the logo is a search bar with the text "Intranet Home Find A Person Search Intranet". Below the navigation bar is a green header with the text "USGS Library" and "FOR INTERNAL ACCESS ONLY". The main content area has a title "USGS Libraries Advisory Board" and a photograph of a library interior. Below the photograph is a navigation menu with links: "Overview", "Governance", "Roster", "Meeting Schedule", "Libraries Public Site", and "Digital Desktop Library (Internal)". The "Overview" section is currently selected and contains the following text: "The USGS Libraries Advisory Board represents the internal USGS user communities to the Libraries Program management and/or to the Associate Director for Core Science Systems. User communities include all USGS staff, regardless of their physical locations. The Library Advisory Board provides advice in strategic planning of operations and serves as an advocate for the Libraries Program with user communities and higher level management. Some of the specific objectives include:" followed by a bulleted list of objectives. The "Governance" section is also visible and contains text about the board's composition and the role of the Chair.

USGS Libraries Advisory Board (LAB) Roster

Stakeholder Input: USGS Library Questionnaire

The USGS Library conducted an internal questionnaire for USGS staff only, open from March 28-April 13, 2018 to assess library usage, impacts on reduced services, and most revered services.

Access to library holdings, whether in the form of electronic journals or physical documents, is critical for USGS work. We cannot maintain our reputation as a highly regarded research agency without these resources. We can't do our job without these resources. There is much concern that holdings might be reduced, especially electronic subscriptions to journals.

Also, it is critical that the library maintain reasonable hours because there are numerous other documents that are still not available electronically.

In summary, one can't over-emphasize the importance of our library resources.

If you get rid of online access to journals, ILL, and online citation databases, you may as well stop conducting research. You cannot be a competent scientist without access to the published literature. I also think our Librarians should be responsible for IPDS.

I understand that a very low percentage of the USGS field records have been scanned and made available online. These are potentially very valuable sources of data, but are locked up to most researchers because they have to be used in person, which is not terribly convenient or financially feasible. With the renewed federal focus on mineral resources, there is possibly very valuable information locked up in those records. It would be so helpful to have them scanned and indexed online so that they could be more accessible and more used. It's been great to see so many of the USGS maps made available online in the last decade. Please consider applying this same philosophy to the field records.



I would like to see increased online access to journal articles, especially older content.

USGS Library Questionnaire

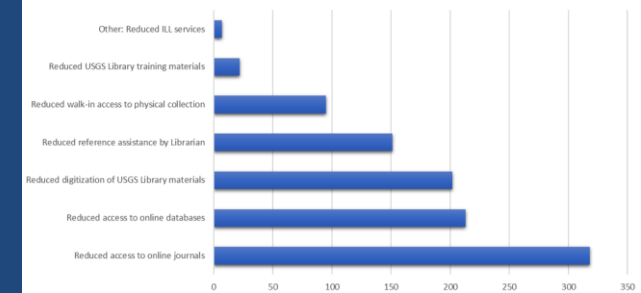
The USGS Library strives to deliver the best services and materials to our users. Please answer the following questions about your use of the USGS Library and its services (both online and physical holdings). This questionnaire should take approximately 10 minutes to complete, responses are anonymous, and results will be analyzed in aggregate.

Thank you in advance!

Please select your primary Mission Area:

- Core Science Systems
- Ecosystems
- Energy and Minerals
- Environmental Health

Which of these would most impact your research? (choose your top 3)



I like the USGS libraries, but don't think you're doing a good job promoting yourself. I'm at a center without a physical "USGS library" (we have our own library, but it's not an official USGS library.) Your survey would be better if you emphasized the online library as well. I also checked that I did not use the library, but I actually use the online library every day to access journals. Also, Google Scholar syncs well with the USGS library and I suspect many people do not realize they are using the USGS library to access articles through Google Scholar.

You might want to do a better job of promoting how you help scientists get articles.

Stakeholder Input: External Panel Review



- Federal and academic librarians, representatives from stakeholder organizations to get a look across the landscape
- Charged with examining challenges and future directions
- Variety of presentations, group discussions with staff
- Recommendations- defining value, communication, setting priorities, team building
- Outcomes- Vision and Mission, Strategic Plan, six focus plans

USGS Library Key Challenges

The Library faces several key challenges for the future:

- Collections
 - largest geosciences library
 - donations/consolidations; space at a premium; cataloging & collection management needed
 - digitization
- Outreach & Demonstrating Value
 - messaging on library value/services
- Budget
 - operating in a flat budget environment
 - potential for budget reductions
 - strategy for evolving service model/timeframe
- Subscriptions
 - large portion of budget, yet most valued in USGS
 - continued rising costs
- Resources
 - Shrinking staff: 19 Federal employees; 7 Federal vacancies (this past fiscal year)
- Facilities
 - expenses continue to rise for space
 - consideration of off-site archive/limited access facility
 - need for improved space utilization



Questions?

Sally J. Roberts
Chief, Technical Services
USGS Library
sroberts@usgs.gov