

Collection Development

Geoscience Librarianship Geoscience Information Society (GSIS) October 26, 2020

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A bit about myself...

- Undergrad: Environmental Geology, minor Archaeology
- Archeologist, Asbestos Analyst, IRS Tax Examiner
- Public Libraries & AMNH & CUNY BMCC, positions focused on Collections, Reference & Instruction
- Columbia University
- Geology/Geosciences Librarian (Psychology & Biology)
- Head of Collection Management for Sci & SESSL
- Interim Director of Collection Development & E-resources
- Director of the Science, Engineering & Social Sciences Libraries (+ Liaison to Earth & Environmental Sciences)

(Birdwatching, Travel, Jewelry making, Photography)

Poll #1:

**Who is a liaison or
selects material in the
geosciences?**

**Other areas?
Which Ones?**

Selection & Acquisition

Subjects in the Geosciences

- Interdisciplinary in nature
- Geosciences broad in scope: earth sciences, climate, geology, geophysics, geochemistry, mineralogy, paleontology, seismology, etc.
- Geoscientists need access to a wide range of resources: Biology, Ecology, Physics, Chemistry, Engineering, Math, etc.
- Regional needs & special emphases & departmental strengths, interests

Collection Development Policy:

What is it?

- **Maintains a record**
- **Defines Intent**
(user populations, strengths)
- **Communicates**
 - Resource allocations, growth
 - Policies on access, selection, gifts, and weeding
 - Institution, administration & user priorities and expectations

Tip: Best if kept up to date & available for review

Parts of a Collection Development Policy:

1. History and Overview of the Collection

2. Academic Departments and Programs Supported

- a) Undergraduate
- b) Graduate & Professional Schools
- c) Institutes, Interdisciplinary Programs, etc.
- d) Course Reserves

3. Selection Guidelines

- a) Print
- b) Digital Collections
- c) Media
- d) Languages Collected
- e) Chronological Focus
- f) Geographical Focus
- g) Imprint Dates Collected

4. Distinctive & Special Collections

5. Collection Strategies

- a) Consortia and Collaborative Collecting with Other Institutions
- b) Selection for Offsite
- c) Deaccessioning
- d) Digitization & Preservation

6. Contact Information

7. Related Subject Policies & Collections

Parts of a Collection Development Policy:

COLUMBIA UNIVERSITY LIBRARIES

Services & Tools ▾ Libraries ▾ Using the Libraries ▾ Collections ▾ About ▾



[Home](#) / [About the Libraries](#) / [Policies](#) / [Collection Development Policies & Strategies](#)

COLLECTION DEVELOPMENT POLICIES & STRATEGIES

We are dedicated to building and stewarding collections that have the greatest impact on research, teaching, and learning at Columbia. Our collection choices and long-term stewardship plans are made with regard to the advancement of the [mission and goals of Columbia University](#). Our collections are dynamic, responsive, and purposefully developed to realize the value of collections that have defined our strengths in the past as well as resources that have been traditionally overlooked. Collections are being shaped and continually enriched in ways that advance access to heritage materials representing varied contours of knowledge and diversity of content.

[Click here for a PDF of Columbia University Libraries' Collection Development Policies and Strategies.](#)



↪ [Goals of Collection Development Policies & Strategies](#)



<https://library.columbia.edu/about/policies/collection-development-policies-strategies.html>

https://library.columbia.edu/about/policies/collection-development-policies-strategies/subject/earth_environmental_sciences.html

What DOES your Library have?

Know what you have to work with

- Budget? \$ \$ \$

- Contracts/Commitments & Consortial deals,

- Assessing the collection:
 - Browse the stacks (digital, offsite)
 - Subject coverage, department needs
 - Unique strengths
 - Overlap/crossover with other collections in library?
 - Review your approval plan/profile
 - Collection Analysis tools

Poll #2:

What Collection Development Issue do you find most challenging?

- Budget/Costs
- Assessment/Analysis
- Keeping Collection Relevant/up to date
- Time
- Other

Selection & Acquisition

Cost of Geoscience Literature

- Varies widely: from Free - \$\$\$
 - Exchanges - subscriptions
- Falls under STEM literature - moderately expensive... as far as science goes
- Strong not-for-profit publishers
 - Societies, government agencies, foreign publications

Sources for Publications:

- Commercial publishers (Wiley, Elsevier, Springer, Cambridge... to name a few)
- Government agencies (USGS)
- Societies (GSA, The Geological Society, AGU, etc.)
- Open Access publications; Repositories



Selection & Acquisition

Tip: Turn away stats- see what users are trying to access but never purchased or subscribed

TIP: Don't forget about: Inter Library Loan; *usually* easy and convenient for users; you don't have to buy everything

De-selection -AKA- Weeding

- Geosciences materials generally have a long shelf life



- Communicate with Stakeholders

- Discards:

- Exchange networks, GeoNet, donations, Better World Books
- Book Sales
- Recycle

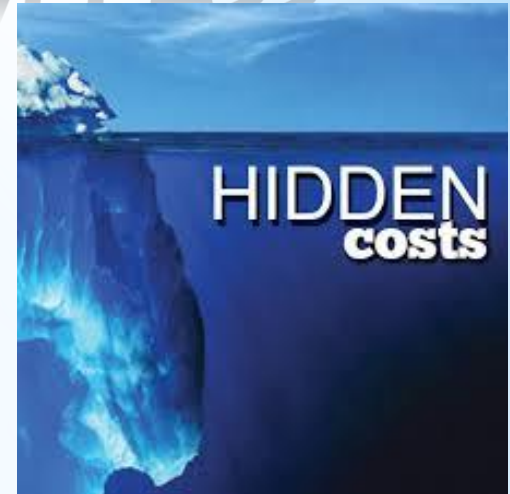


Be aware: Institutional policies, state regulations

E-Publications & Access

Management & Access issues:

- Costs & contracts
- Managing access
- Technological problems
- Physical formats for digital storage
- Digital preservation (LOCKSS, CLOCKSS, Internet Archive, Hathi Trust, Repositories, Digital Libraries)



Impacts:

- Space, services, technology
- Users - training, communication
- **Marketing-** posters, newsletters, emails, blog posts, vendor swag

Collection Assessment

Why?

- Ensure value of subscriptions, purchases, use
- Negotiation tool
- Cancellation decisions

How?

- Use, statistics (COUNTER); Cost per use calculations
- Turn away stats
- Overlap analysis (e-journals) (Intota Assessment)
- USUS

Red Flags:

- ✧ Higher than average price increases
- ✧ High cost per use (compare to similar resources)
- ✧ Decreasing usage, high % unused titles

E-book subscription assessment example:

	Subscription A	Subscription B	Subscription C	Subscription D
2013 Cost	\$50,000.00	\$20,000.00	\$15,000.00	\$60,000.00
No. of titles	80,000	6,000	125	11,000
No. of titles loaned	34,000	2,100	90	1,600
No. of loans	2,500,00	11,900	22,000	6,500
% of titles without use after purchase	62%	65%	25%	85%
Average cost of e-book	\$0.60	\$3.00	\$140.00	\$5.00
Cost per use	\$0.20	\$0.20	\$0.75	\$9.00

***This analysis was conducted using confidential cost data. The numbers above were recalculated to reflect findings.**

Other Publications & Access

- Federal Documents (USGS + other agencies)
- Geological Survey Docs
(Governments, States)
- Professional society publications
 - Field Trip Guidebooks
- Maps, data sets, other sources...

Other Publications & Access

In-house Publications:

- Theses/Dissertations
- Digital field records, data sets, images
- Technical Series, Reports
- Newsletters
- Yearbooks, Annual reports

Partners: archives, repository

- Access, Metadata

Other Publications & Access

Does anyone Archive PDFs or Websites that may be ephemeral?

Warning: Shameless plug ahead



Ivy Plus Libraries
Confederation

Geologic Field Trip Guidebooks Web Archive

Collected by: Ivy Plus Libraries Confederation

Archived since: Jul, 2019

Description: The Geologic Field Trip Guidebook Web Archive is an initiative developed by librarians at Columbia University, Dartmouth College, Duke University, and Princeton University, under the auspices of the Ivy Plus Libraries Confederation. The collection is curated by Amanda Bielskas (Columbia), Brittany Wofford (Duke), Jane Quigley (Dartmouth), and Emily Wild (Princeton). The project aims to preserve web-based geoscience field trip guidebooks — which document local geologic information and are often ephemeral, and only available for a short time — found in the Geologic Guidebooks of North America Database for researchers and scholars within the Ivy Plus Libraries Confederation and beyond. To nominate a Guidebook for inclusion in this collection, please fill out the following form: <https://forms.gle/nVDRWRs5LRWstY5C8>.

Subject: Science & Health, Geology

Creator: Ivy Plus Libraries Confederation

<https://archive-it.org/collections/12576>

Title: Geologic Field Trip Guidebooks Web Archive

PRESENTER: Amanda Bielskas
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Intro:

- The Geologic Field Trip Guidebooks Web Archive seeks to create an archive that will preserve online geologic field trip guidebooks that are not archived online elsewhere.

Web Archiving

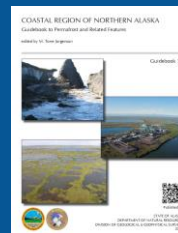
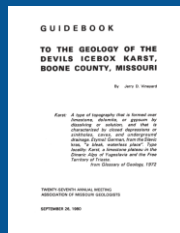
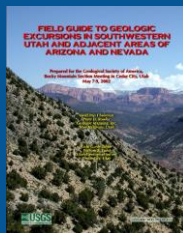
- Web archiving is the process of creating and storing copies (or snapshots) of live websites to ensure that they are preserved and remain publicly accessible for future use and can also be used to show how the websites have evolved over time.

About

- The Web Archive is free and available for researchers and scholars to use, and is available and archived through the Internet Archive (<https://archive.org/>).
- Online Guidebooks document local geologic information, and are often ephemeral.

Nominate a Guidebook

- Nominate a guidebook for inclusion in the Archive, via the right QR code.



The Geologic Field Trip Guidebooks Web Archive was created to preserve web-based guidebooks which are often ephemeral.



Take a picture to link to the Web Archive



Take a picture to nominate an online Geologic Guidebook

Geologic Field Trip Guidebooks

We archived the online guidebooks cataloged in the Geologic Guidebooks of North America Database (GGNAD). The GGNAD consists of references to geologic field trip guidebooks of North America (United States, Canada, Mexico) from 1940 - the present and builds on the collaboration between the Geoscience Information Society (GSIS) and AGI.

Curators

The web archive is curated by: Amanda Bielskas (Columbia), Brittany Wofford (Duke), Jane Quigley (Dartmouth), and Emily Wild (Princeton) — under the auspices of the Ivy Plus Libraries Confederation.

Thanks to Samantha Abrams, Web Resources Collection Librarian, and AGI staff for providing the index data.

Template borrowed from [@mikemorrison](#) [#betterposter](#)

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Ivy Plus Libraries
Confederation

Geoscience Collection Development

- Sustainability
 - Flexibility
 - Adaptability
 - Fiscally responsible
 - Aligns with mission
- Collaborations (do more together)
- Openness & Transparency
 - Open & equitable access | Open Access = Expanded Access
 - Supporting open source solutions
 - Values based decisions
- Diversity & Inclusion should be imbedded within everything we do:
Staffing, Collection, Services

Geoscience Collection Development

Continuing Education

- Take classes, read, go on a field trip
- Talk to users: Students, Researchers & Faculty
- Talk to your Colleagues
 - Within institution & external peers
 - GSIS & GeoNet are great!

Geoscience Collection Development

Discussion/Questions:

- How do you keep your collections current & relevant?
- Diversifying Collections in the Sciences?
- Anyone doing systematic collection assessment?
- Collaborative Collection Development?
- Other Topics/Questions?

Thank You

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