Navigating the Constellation of Content and Data

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From Silos

Books
- Online Catalog
- eBook Collections

Journals
- Abstract & Indexing
- Full Text

Local Content
- OAI Harvester
- Institutional Repository
To Metasearch

Books

Journals

Databases

OPAC

Single Query
To Discovery

Books  Journals  Local Content

Unified Index
Burden on the User – To Select

Which of the 900+ databases should I choose?
To Know How to Search

Advanced Search

Accelerate your research

Keywords:

Title:

Author:

Match: All Field(s)

Date Range: Pick Year to Pick Year

Search

Quick Search

Selections by Broad Category

Open a category to select/deselect individual sources. Can search multiple categories.

Select all sources
- Same resources as in quick search
- eBooks
- Business
- Humanities
- International & Area Studies
- Multi-Disciplinary
- Reference Shelf
- Science & Engineering
- Social Sciences
- A to Z

Selections by Subject | Course
Create your own custom search
Discovery Shifts the Burden

• Users do not need specialized knowledge
  o Search strategies
  o Subjects they are searching

• Users are provided context to explore
  o Can navigate the topic
  o Filter by categories
User Expectations

Discovery  Delivery

Discovery = Delivery
What the User Really Wants

From Discovery

To Delivery
Google Scholar

Stand on the shoulders of giants

About Google Scholar - About Google - My Citations

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Cellular phenology of annual ring formation of Abies balsamea in the Quebec boreal forest (Canada) by A Deslauriers, H Morin... - ... Journal of Forest ..., 2003 - NRC Research Press
Cell formation in growth rings of balsam fir (Abies balsamea (L.) Mill) in the boreal forest was studied to describe the timing of ring formation and the development patterns of earlywood and latewood. Wood microcores were extracted during the growing season from 1998 to ...
Cited by 79 • Related articles • Get at CISTI • All 11 versions

Dynamics of the boreal forests of the Laurentian Highlands, Canada by CV Cogbill - Canadian Journal of Forest Research, 1985 - NRC Research Press
Analyses of species composition and tree increment cores from 145 stands in central Quebec were used to determine the forest history and stand dynamics. Windspread fires, possibly synchronous, burned across central Québec in at least three periods of record ...
Cited by 111 • Related articles • All 5 versions

Transport of boreal forest fire emissions from Canada to Europe by C Forster, U Wandinger, G Wotawa... - Journal of geophysical ..., 2001 - agu.org
In August 1998, several forest fires occurred in many parts of Canada, especially in the Northwest Territories. In the week from August 5 to 11, more than 1000 different fires burned >1 × 10^6 ha of boreal forest, the highest 1-week sum ever reported throughout the 1990s. In this study ...
Cited by 185 • Related articles • Get at CISTI • All 10 versions

Climate change and forest fire potential in Russian and Canadian boreal forests by BJ Stocks, MA Fosberg, TJ Lynham, I Mears... - Climatic Change, 1998 - Springer
... Forest fires have been a natural and dominant disturbance regime in global boreal forests for millennia, and recent statistics from Canada, Alaska, and Russia illustrate that, despite reasonably successful fire management strategies in these countries, forest fires still exert a ...
Cited by 315 • Related articles • Get at CISTI • All 13 versions
CONTENT IN CONTEXT
Discovery – Two Aspects

Search
• Starts with question
• Depends on known vocabulary
• Produces results list or specific item
  – May not be relevant
  – May not be related

Browse
• Starts with one item
• Depends on an organizing principle
• Leads to other items
  – Related to original
  – Relies on links
NSCU OPAC – Endeca search
Facets

- Content Type
- Subject Terms
- Pub Date
- Library Location
- Language
Visualization - Grokker
Sage Research Methods Map

Choose from the “Show content” menu to display related content here.

View details:

Sort by: Relevance | Title | Pub. Date

Print  Save this search  Share  Email
CONTENT ECOSYSTEM
Unintended Consequences

• Discovery Tools
  o Journals not covered in Discovery Tools left out
  o Opportunity for smaller journals to be visible

• Google Scholar
  o Stand alone journals lack visibility
  o Combined with “Get it @” streamlines access

• Link Resolvers
  o Connection varies by library
  o Choice can depend on the user
Analyzing IS research productivity: an inclusive approach to global IS scholarship
Abstract An increasing number of studies have appeared that evaluate and rank journal quality and the productivity of IS scholars and their institutions. In this paper, we describe the results of one recent study identifying the Top 30 IS Researchers, revealing many ...
Cited by 41 - Related articles - BL Direct - All 17 versions

Haute Finance and High Theory: Recent Scholarship on Global Financial Relations
P Dombrowski - Mershon international studies review, 1998 - Wiley Online Library
Abstract In surveying the literature on global financial relations, this essay suggests that (1) states have not "surrendered" or "retreated" but reinterpreted their roles relative to global finance, (2) interstate cooperation is pervasive but fragile, and (3) capital mobility has not ...
Cited by 39 - Related articles - BL Direct - All 3 versions

[BOOK] Scholarship, research libraries, and global publishing
J Reed-Scott - 1999 - books.google.com
Discover how to meet the challenges of increasing your library’s international publications through digital networks and large shared resource networks with other research libraries!
Scholarship, Research Libraries, and Global Publishing reveals a four-year study ...
Cited by 30 - Related articles - BL Direct - All 8 versions

Claiming a Global Identity: Latino/a Critical Scholarship and International Human Rights
C Romany - U. Miami Inter-Am. L. Rev., 1996 - HeinOnline
Latino/a Critical scholars and activists have a unique opportunity to crack the provincial shell that shelters critical legal scholarship in this country. Today, I would like to offer suggestions for the formulation of a dual strategy to be pursued at both the international and domestic ...
Cited by 24 - Related articles - BL Direct - All 2 versions
Content Discovery

- Documents
  - Metadata assigned post publication
  - Metadata associated when created

- People
  - Social sharing
  - Network recommendations
Intelligent Tools

• Support discovery (content)
  o Orient those new to topic
  o Provide training
  o Enable exploration
  o Highlight leading research

• Support collaboration (users)
  o Connect other researchers
  o Serve to build community
New Rules for Content Abundance

4 implications of abundance for publishers

• Provide content must be that is open, accessible, interoperable
• Focus on using context to promote discovery
• Develop opportunities for broader use of content
• Offer tools using context to manage content

Collaboration is the key

Brian O’Leary at 2011 Books & Browsers Conference
Tools to Support Interoperability

• Identity
  o Authors – ORCID  http://about.orcid.org/
  o Documents – DOIs http://crossref.org/
  o Versions – CrossMark  
    http://www.crossref.org/crossmark/index.html

• Search
  o NISO Open Discovery Initiative  
    http://www.niso.org/workrooms/odi/
Context through Community

- Mendeley

- Eigenfactor
  http://mas.eigenfactor.org

- Biomed Experts
  http://www.biomedexperts.com/Portal/AboutBME.aspx

- MicroSoft Academic Research
  http://academic.research.microsoft.com/AcademicMap
Library Content Identification Structures

- **MARC Record**
  - RDA, BISAC, Schema.org

- **Authority control**
  - ORCID

- **Controlled vocabulary**
  - Taxonomies, ontologies

- **Classification scheme (organizing principle)**
  - Relationship between documents