It's Personal! One-size Discovery Does Not Fit All

Vacek, Rachel

http://hdl.handle.net/2027.42/136222
It’s Personal! One-Size Discovery Does Not Fit All

Customizing Discovery at Michigan

Rachel Vacek, Head of Design & Discovery
University of Michigan Library

Electronic Resources & Libraries - April 4, 2017
Current discovery interfaces

Multiple starting points:

● Mirlyn: catalog
● ArticlesPlus: licensed content
● Search Tools: database finder and journal finder
● MLibrary: catalog, licensed content, database and journal finders, subject experts, website content, research guides
Results for: climate change

Catalog (MIRLYN)

Climate change
Author: Saikia, Siddhartha P. (Siddhartha Proteen)
Published: 2010
Format: Book

Climate change
Author: Jacques, Guy.
Published: 2005
Format: Book

Climate change
Published: 2007
Format: Book

Databases

Encyclopedia of Global Warming and Climate Change
The entries in this encyclopedia cover a vast range of topics affecting global warming and climate change. Also included in the work ...

ClimateWire
Covers the debate over climate policy and its effects on business, the environment and society.

Neighborhood Change Database

ArticlesPlus

Perception of climate change
Author: James Hansen
Author: Makiko Sato
Author: Reto Ruedy ...
Publication: Proceedings of the National Academy of Sciences
Date: 08/11/2012

Online Journals

ACCP notes: the newsletter of the Atlantic Climate Change Program

Wiley interdisciplinary reviews.
Climate change

Interactions between land use, land mgmt, and climate change, relations to carbon and nitrogen...
Design, UX, and development team

Ken Varnum
Program Manager

Albert Bertram
Lead Developer

Ben Howell
UX and Accessibility Specialist

Trevor Dobias
UI/UX Designer

Heidi Burkhardt
UX and Content Strategy Specialist

Jon Earley
Interface Developer

@vacekrae @UMichLibrary
The search project aligns with library goals

Keep this library at the **leading edge** of redefining and re-imagining the great research library in a digital era.

**Accelerate our engagement** with the core campus missions: **discovery**, learning, clinical care, and public service.
Our new discovery interface

It will:

● Be a cutting edge search infrastructure
● Be more straightforward
● Be fully accessible
● Be responsive
● Allow for personalized search pages -- build your own bento box from anything we offer
● Include all the personalization features currently implemented
● Incorporate service experts as well as subject specialists in search results
Our new discovery interface (cont)

It will also:

- Allow us to more easily pull stats from each datastore for library and learning analytics
- Enable us to better understand usage patterns of our resources
- Give us a platform that enables us to get our resources out on campus
- Free up instructional librarians to spend more time on information literacy and less on how to use the tool
Iterative Updates

Search Beta feature status:

- Updated every two weeks
- Will communicate features that are:
  - Ready for testing and comment
  - Active development / Known bugs
  - Recently added features
  - Things we still need to do
  - Things after Staff Beta...
Everything: results from the Catalog, Articles+, Databases, Online Journals, and Library Website pages.
<table>
<thead>
<tr>
<th>Catalog</th>
<th>17,393 Results</th>
<th>Articles+</th>
<th>6,699,172 Results</th>
<th>Online Journals</th>
<th>26 Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Author: Intergovernmental Panel on Climate Change.</td>
<td>Published: 11/9/2012</td>
<td>Published: Proceedings of the National Academy of Sciences</td>
<td>Holdings: 2015-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Published: 1995</td>
<td>Author: James Hansen, Makiko Sato, Reuzy</td>
<td></td>
<td><strong>Go To Online Journal</strong></td>
<td></td>
</tr>
<tr>
<td>HathiTrust: Full Text Online</td>
<td>Search only (no full text)</td>
<td>Pennsylvania State University</td>
<td></td>
<td><strong>Climate Change in the Pacific</strong></td>
<td>Format: Online Journal</td>
</tr>
<tr>
<td></td>
<td>FICCI Climate Change Task Force report.</td>
<td>Format: Book</td>
<td>Published: 24/2/2011</td>
<td>Holdings: 2013-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Author: FICCI Climate Change Task Force.</td>
<td>Published: 2007</td>
<td>Publication: Nature</td>
<td><strong>Go To Online Journal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Request This Item: On shelf</td>
<td>Hatcher</td>
<td>Title: Climate change and evolutionary adaptation</td>
<td><strong>Climate change responses.</strong></td>
<td>Format: Online Journal</td>
</tr>
<tr>
<td></td>
<td>Graduate: QC 903.2 .I4 F531 2007</td>
<td></td>
<td>Author: Hoffmann, Ary ASgrö, Carla M</td>
<td>Holdings: 2014-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>Go To Online Journal</strong></td>
<td></td>
</tr>
<tr>
<td>Climate change : the IPCC response strategies /</td>
<td>Format: Book</td>
<td><strong>Climate change hot-spots</strong></td>
<td>Format: Journal Article</td>
<td></td>
<td>2 More</td>
</tr>
</tbody>
</table>
Title: Intergovernmental Panel on Climate Change
Publication: Geophysical Research Letters
Author: F. Giorgi

HathiTrust: Full Text Online
Collection: QC 981.B.C5 C5161 1991

Databases:
- Encyclopedia of Global Warming and Climate Change
  - Format: Database
  - Brief: The entries in this encyclopedia cover a vast range of topics affecting global warming and climate change. Also included in the work...
  - Access Icon: authorized-plus-guests
- Encyclopedia of Environmental Change
  - Format: Database
  - Brief: Encyclopaedic Dictionary of Environmental Change
  - Access Icon: authorized-plus-guests

Library Website:
- Library Advances Data Rescue Effort
  - Format: Library Website
  - Brief: January 30, 2017 By Lynne Raughley More than 275 volunteers from campus and around the community converged on the Shapiro Library at the University of Michigan Friday and over the weekend in an emergency effort to preserve scientific data that is at risk of disappearing from government websites.
- Call for Humanity Presents: A Line We Can Cross:
  - Format: Library Website
  - Brief: Symposium It&amp;#039;s time to cross the line. Come join the Call for Humanity as it discusses the current climate of refugee resettlement and immigration in the United States. Come hear professionals, student organizations, and

Format: Book
Author: Intergovernmental Panel on Climate Change.
Published: 1995
Publisher: Intergovernmental Panel on climate Change,

HathiTrust: Full Text Online

FICCI Climate Change Task Force report.

Format: Book
Author: FICCI Climate Change Task Force.
Published: 2007
Place of Publication: India
Publisher: Federation of Indian Chambers of Commerce and Industry,

Request This item On shelf Hatcher Graduate QC 903.2 .I4 F531 2007

Climate change : the IPCC response strategies /
Perception of climate change

Format: Journal Article
Published: 11/9/2012
Abstract: “Climate dice,” describing the chance of unusually warm or cool seasons, have become more and more “loaded” in the past 30 years, coincident with rapid global warming. The distribution of seasonal mean temperature anomalies has shifted toward higher temperatures and the range of anomalies has increased.

An important change is the emergence of a category of summertime extremely hot outliers, more than three standard deviations (3σ) warmer than the climatology of the 1951–1980 base period. This hot extreme, which covered much less than 1% of Earth’s surface during the base period, now typically covers about 10% of the land area. It follows that we can state, with a high degree of confidence, that extreme anomalies such as those in Texas and Oklahoma in 2011 and Moscow in 2010 were a consequence of global warming because their likelihood in the absence of global warming was exceedingly small. We discuss practical implications of this substantial, growing, climate change.

Volume: 109
Issue: 37
Publication Title: Proceedings of the National Academy of Sciences
Author: James Hansen, Makiko Sato, Reto Ruedy
Start Page: E2415
End Page: E2423
Genre: Article, Journal Article, Historical Article
ISI Times Cited: 337
Scopus Times Cited: 57
Technology behind new Search

Tools

● Ruby
  ○ Rails
  ○ Blacklight *
● Front-end JavaScript
  ○ React
  ○ Pride **

APIs

● Summon
● Solr
● Custom APIs for Aleph holdings

* https://github.com/cul/clio-spectrum

** https://github.com/mlibrary/pride
Other potential datastores

● Deep Blue Data
● Audiovisuals
● Dissertations
● Archives
● Library locations
Planned contextual features

● Best Bets
● Did you mean… suggestions
  ○ Databases
  ○ Online Journals
  ○ Spelling
● Autocomplete
● Contextual suggestions
Potential personalization features

If logged in locally:

- Customizable search panel
- View Favorites
- View additional datastores that display relevant materials based on course registrations
- Receive relevant current awareness services

If logged in elsewhere:

- Access widgets in Canvas that displays relevant library resources for each course
Perception of climate change

Format: Journal Article
Author: James Hansen, Makiko Sato, Reto Ruedy
Published: Proceedings of the National Academy of Sciences Vol. 109, Issue 37
Date: 09/11/2012
Pages: E2415 – E2423
Abstract: “Climate dice,” describing the chance of unusually warm or cool seasons, have become more and more “loaded” in the past 30 y, coincident with rapid...

CLIMATE CHANGE

Format: Journal Article
Author: Laura Zychla
Published: Canadian Journal of Medical Laboratory Science Vol. 78, Issue 3
Date: 10/01/2016
Start Page: 7
Genre: General Information

Go To Article: Full text link not working? Please let us know.
Want more info?

Contact us:
library-search-project@umich.edu

University of Michigan Library GitHub site:
https://github.com/mlibrary

Library IT Division Blog:
https://www.lib.umich.edu/blogs/library-tech-talk