2017-04-04

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

Vacek, Rachel https://hdl.handle.net/2027.42/136222 http://creativecommons.org/licenses/by-sa/4.0/

Downloaded from Deep Blue, University of Michigan's institutional repository

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







\$

Ask Get Help

### Results for: climate change

ArticlesPlus

Catalog

Search

Browse

MLibrary

### Catalog (Mirlyn)

Author: Saikia, Siddhartha P. (Siddhartha Proteem)

Climate change

Published: 2010

Format: Book

Climate change

Published: 2005

Format: Book

Climate change

Weather Service.

Published: 2007

Format: Book

Author: Jacques, Guy.

Search

climate change

### Databases

### Encyclopedia of Global Warming and Climate Change

- Recommended Resources by Subject -

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

Contains nationwide tract-level data from the 1970, 1980, 1990 and 2000 decennial censuses. Combines U.S. Bureau of the Census data ...

#### More Databases (1)

**Online Journals** 

### **Research Help**

Ask a Librarian 💦

Talk to a Specialist about **Climate Change** 



### Glenn

Physics & Astronomy Librarian (734) 936-2339 jkglenn@umich.edu



### Scott A Martin

**Biological Sciences** Librarian: Interim Chemistry Librarian (734) 936-2337 samarti@umich.edu

### Perception of climate change

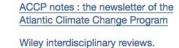
Author: United States. National

More Catalog Results (15,955)

Author: James Hansen Author: Makiko Sato Author: Reto Ruedy ... Publication: Proceedings of the National Academy of Sciences Date: 09/11/2012

#### CLIMATE CHANGE

Author: Laura Zychla



Climate change

Interactions between land use, land mgmt, and climate change, relation to carbon and nitrogen...

Research Guides	
No results found.	
Browse Resources by Topic	
Climate Sciences	
Biology	
Ecology and Evolutionary Biology	
Ask Ask a Librarian	00





## Design, UX, and development team











Ben Howell UX and Accessibility Specialist

Albert Bertram Lead Developer and sibility cialist



**Trevor Dobias** UI/UX Designer Heidi Burkhardt UX and Content Strategy Specialist



Jon Earley Interface Developer





### 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**

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





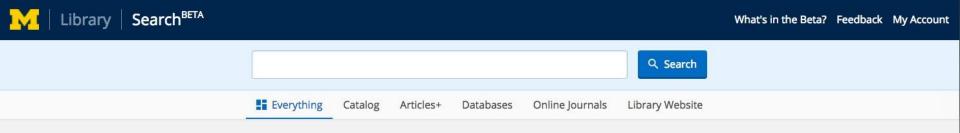
### **Iterative Updates**

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...





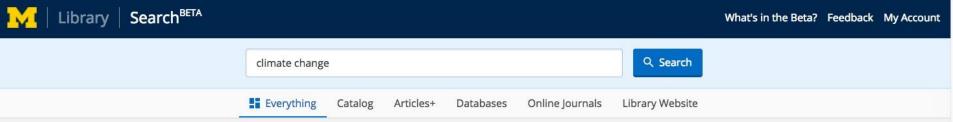


Everything: results from the Catalog, Articles+, Databases, Online Journals, and Library Website pages.









Everything: results from the Catalog, Articles+, Databases, Online Journals, and Library Website pages.

Hide

Catalog	17,393 Results Articles+	6,699,172 Results	Online Journals	26 Results
Climate change 1995 : IPCC second a report of the Intergovernment Climate Change. Format Book Author Intergovernmental Pane Change. Published 1995	Format Published Publication Title	of climate change Journal Article 11/9/2012 Proceedings of the National Academy of Sciences James HansenMakiko SatoReto Ruedy	Current climate change reports.FormatImage: Online JournalHoldings2015-Go To Online Journal	
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FICCI Climate Change Task Force         Format       Book         Author       FICCI Climate Change Tag         Published       2007	Published Publication	<ul> <li>Journal Article</li> <li>24/2/2011</li> <li>Nature</li> <li>Hoffmann, Ary ASgró, Carla M</li> </ul>	Go To Online Journal Climate change responses. Format I Online Journal	
Request This Item On shelf Hate Graduate QC 903.2 .I4 F531 2007	her <u>Go To Article</u>		Holdings 2014-	
Climate change : the IPCC respon Format Book	se strategies / Format	Journal Article	<u>Go To Online Journal</u>	2 More





Author Published	Intergovernmental Panel on Clim Change. 1991	ate	Title Author	F. Giorgi	
	Full Text Online Search only University of Michigan	1 More	<u>Go To Article</u>	2	
Architecture	Litem On shelf Art & Engineering Book QC 981.8 .C5 C5161 1991	1 More			
Databases	13	10 Results	Library Web	bsite	16 Results
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climate change	2				Q Search
Everything	Catalog	Articles+	Databases	Online Journals	Library Website

Catalog: results from everything in our physical collection (books, audio, video, maps, musical scores, archival materials, and <u>Hide</u> more), as well as materials available online such as electronic books, streaming audio and video, and online journals.

Current Filters		1-10 of <b>16,816 result</b> s	from Catalog	Clear search and start over
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Subject	—	Published	1995	
Climatic changes	5,113	Publisher	Intergovernmental Panel on climate Change,	
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Global warming	916	HathiTrust: Full Tex	t Online Search only (no full text) Pennsylvania	a State University
Climates	821		<u></u>	
Electronic books	816			
Ecology	749	<b>FICCI Climate Ch</b>	ange Task Force report.	
Climatic Change	724			
Organizational Climate	617	Format	Book Book	
Elementary Secondary Education	578	Author	FICCI Climate Change Task Force.	
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Science	4,877			
Engineering	3,894	Request This Item	On shelf Hatcher Graduate QC 903.2 .I4 F531	1 2007
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Holdings Only: true	×	Perception of	climate change							
Filter your search		Format Published	Journal Artic							
Subject climate change global warming article studies global temperature changes ecology climatic changes research analysis		Abstract	bstract "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 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 (30) 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.							
Format	_	Volume Issue	109 37							

Proceedings of the National Academy of Sciences

James HansenMakiko SatoReto Ruedy

Article, Journal Article, Historical Article

E2415

E2423

337

57

Format—Newspaper Article3,401,110Journal Article1,661,390Book / eBook494,500Dissertation263,016Magazine Article230,288Book / baster113,078

**Publication Title** 

**ISI Times Cited** 

**Scopus Times Cited** 

Author

Start Page

End Page

Genre





## **Technology behind new Search**

## Tools

- Ruby
  - Rails
  - Blacklight \*
- Front-end JavaScript
  - React
  - Pride \*\*
- \* https://github.com/cul/clio-spectrum
- \*\* https://github.com/mlibrary/pride

## **APIs**

- Summon
- Solr
- Custom APIs for Aleph holdings





## **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





		Climate Change	Start Over Q Search			
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	Articles+ results:	Scholarly journal articl	es, newspaper articles, book chapters, conference proceedings, and more.	lide		
Filter your search		Previous Page	1–20 of <b>15,820 Results</b> Next Page Sort By V	Selected Items 🗸		
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<ul> <li>Remove Search Only HathiTrust Materials</li> <li>Format – Newspaper Article 3,328,231</li> </ul>		AuthorJames Hansen, Makiko Sato, Reto RuedyPublishedProceedings of the National Academy of Sciences Vol. 109, Issue 37Date09/11/2012				
		Pages Abstract	E2415 – E2423 "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 <u>More</u>	à		
Journal Article Book / eBook Dissertation	1,649,629 490,888 259,049	<u>Go To Article</u>	Full text link not working? <u>Please let us know.</u>			
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Publication Date		Format	🖬 Journal Article	☆ Favorite		
2010-present 2000-2009 2010-2019 1880-1889 1980-1989	3,148,306 2,084930 554,761 434,594 96,993	Author Published Date Start Page Genre	<u>Laura Zychla</u> Canadian Journal of Medical Laboratory Science Vol. 78, Issue 3 10/01/2016 7 General Information			





## Want more info?

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

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

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



