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

Vacek, Rachel

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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





Browse - Recommended Resources by Subject -

Ask **Get Help**

Results for: climate change

Catalog (Mirlyn)

Climate change

Author: Saikia, Siddhartha P. (Siddhartha Proteem) Published: 2010 Format: Book

Climate change

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

Climate change

Author: United States. National Weather Service.

Published: 2007 Format: Book

More Catalog Results (15,955)

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

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)

Research Help

Ask a Librarian

Talk to a Specialist about Climate Change



Jacob Kenneth 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

ArticlesPlus

Perception of climate change

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

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...

Research Guides

No results found.

Browse Resources by Topic

Climate Sciences

Biology

Ecology and Evolutionary Biology

Ask a Librarian

open







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



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...







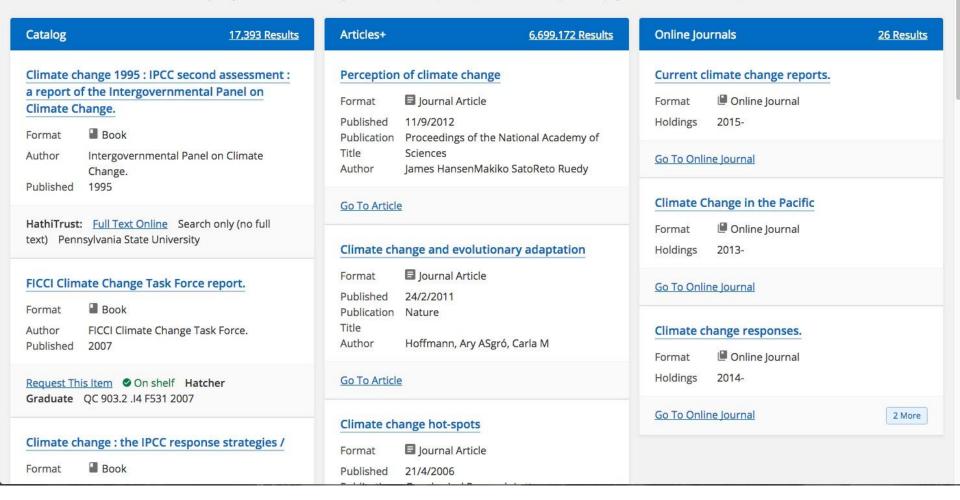






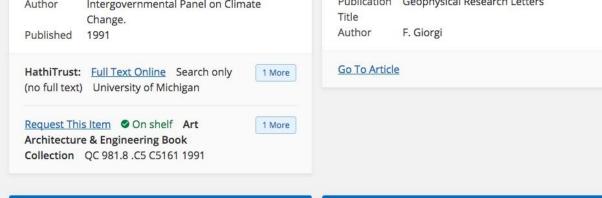
Everything: results from the Catalog, Articles+, Databases, Online Journals, and Library Website pages.

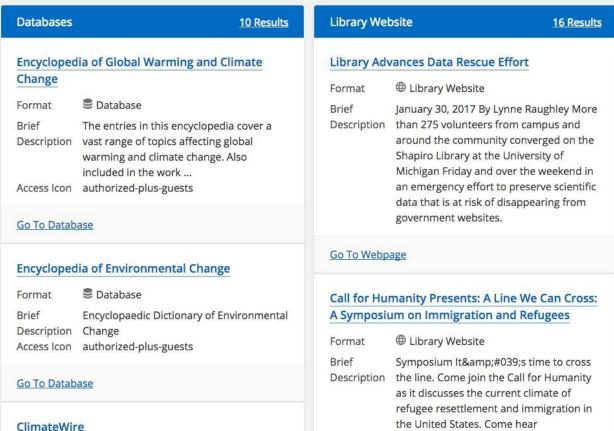
Hide















professionals student organizations and

Clear search and start over

climate change

Q Search

Everything Catalog

Articles+

1-10 of 16 816 results from Catalog

Online Journals

Library Website

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

Databases

Current Filters		
Format: Book	×	
Clear filters		
Filter your search		
Subject	_	
Climatic changes	5,113	
Environmental Sciences	1,381	
Global warming	916	
Climates	821	
Electronic books	816	
Ecology	749	
Climatic Change	724	
Organizational Climate	617	
Elementary Secondary Education	578	
Academic Discipline	_	
Science	4,877	
Engineering	3,894	
Climate Sciences	3,049	
Biology	1,993	
Ecology and Evolutionary	1.938	

Intergovernmen	tal Panel on Climate Change.
Format	■ Book
Author	Intergovernmental Panel on Climate Change.
Published	1995
Publisher	Intergovernmental Panel on climate Change,
	ange Task Force report.
FICCI Climate Ch	
FICCI Climate Cha Format Author	ange Task Force report.
FICCI Climate Che Format Author Published	ange Task Force report. ■ Book FICCI Climate Change Task Force. 2007
FICCI Climate Char Format Author Published Place of Publication	ange Task Force report. ■ Book FICCI Climate Change Task Force. 2007 India
	ange Task Force report. ■ Book FICCI Climate Change Task Force. 2007





climate change

Q Search

Everything

Catalog Articles+ Databases

Online Journals

Library Website

Articles+: results from scholarly journal articles, newspaper articles, book chapters, conference proceedings, and more.

Hide

Current Filters × Holdings Only: true Clear filters Filter your search Subject

climate change 479,820 global warming 200,970 article 170,666 studies 161,721 global temperature changes 160,102 ecology 150,287 climatic changes 142,779 research 140,019 analysis 139,937 Format

Torride	
Newspaper Article	3,401,110
Journal Article	1,661,390
Book / eBook	494,500
Dissertation	263,016
Magazine Article	230,288
Rook Chanter	112 079

1-10 of 6,699,172 results from Articles+

Clear search and start over

Perception of climate change

Journal Article Format 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 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 (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 HansenMakiko SatoReto Ruedy

Start Page E2415 **End Page** E2423

Genre Article, Journal Article, Historical Article

ISI Times Cited 337 57 Scopus Times Cited





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:

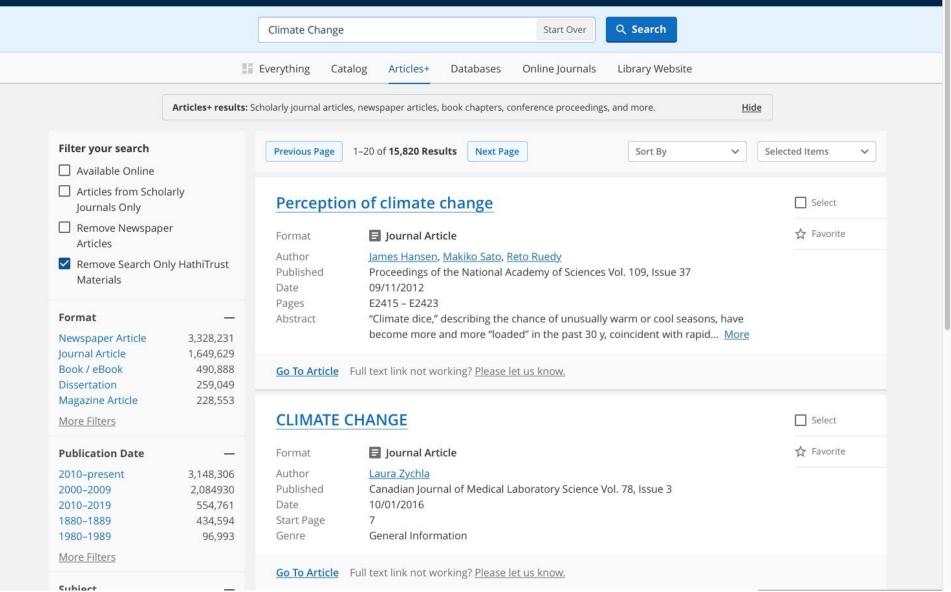
- Customizable search panel
- View Favorites
- View additional datastores that display relevant materials based on course registrations
- Receive relevant current awareness services

If logged in elsewhere:

Access widgets in Canvas that displays relevant library resources for each course











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



