

2017-04-04

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

Search

Browse



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
jkg Glenn@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



**Ben
Howell**
UX and
Accessibility
Specialist



**Heidi
Burkhardt**
UX and
Content
Strategy
Specialist



**Albert
Bertram**
Lead
Developer



**Trevor
Dobias**
UI/UX
Designer



**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...

 Search

[Everything](#) [Catalog](#) [Articles+](#) [Databases](#) [Online Journals](#) [Library Website](#)

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

[Hide](#)



climate change

Search

Everything Catalog Articles+ Databases Online Journals Library Website

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

Hide

Catalog 17,393 Results

Climate change 1995 : IPCC second assessment : a report of the Intergovernmental Panel on Climate Change.

Format Book
Author Intergovernmental Panel on Climate Change.
Published 1995

HathiTrust: Full Text Online Search only (no full text) Pennsylvania State University

FICCI Climate Change Task Force report.

Format Book
Author FICCI Climate Change Task Force.
Published 2007

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Graduate QC 903.2 .I4 F531 2007

Climate change : the IPCC response strategies /

Format Book

Articles+ 6,699,172 Results

Perception of climate change

Format Journal Article
Published 11/9/2012
Publication Proceedings of the National Academy of Sciences
Title Sciences
Author James HansenMakiko SatoReto Ruedy

Go To Article

Climate change and evolutionary adaptation

Format Journal Article
Published 24/2/2011
Publication Nature
Title
Author Hoffmann, Ary ASgró, Carla M

Go To Article

Climate change hot-spots

Format Journal Article
Published 21/4/2006

Online Journals 26 Results

Current climate change reports.

Format Online Journal
Holdings 2015-

Go To Online Journal

Climate Change in the Pacific

Format Online Journal
Holdings 2013-

Go To Online Journal

Climate change responses.

Format Online Journal
Holdings 2014-

Go To Online Journal

2 More

Author Intergovernmental Panel on Climate Change.
Published 1991

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(no full text) University of Michigan

[1 More](#)

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Architecture & Engineering Book
Collection QC 981.8 .C5 C5161 1991

[1 More](#)

Publication Geophysical Research Letters
Title
Author F. Giorgi

[Go To Article](#)

Databases

[10 Results](#)

[Encyclopedia of Global Warming and Climate Change](#)

Format  Database

Brief Description 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

[Go To Database](#)

[Encyclopedia of Environmental Change](#)

Format  Database

Brief Description Encyclopaedic Dictionary of Environmental Change

Access Icon authorized-plus-guests

[Go To Database](#)

[ClimateWire](#)

Library Website

[16 Results](#)

[Library Advances Data Rescue Effort](#)

Format  Library Website

Brief Description 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.

[Go To Webpage](#)

[Call for Humanity Presents: A Line We Can Cross: A Symposium on Immigration and Refugees](#)

Format  Library Website

Brief Description Symposium It'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

climate change 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 more), as well as materials available online such as electronic books, streaming audio and video, and online journals. [Hide](#)

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

1-10 of 16,816 results from Catalog [Clear search and start over](#)

[Climate change 1995 : IPCC second assessment : a report of the Intergovernmental Panel on Climate Change.](#)

Format 📖 Book

Author Intergovernmental Panel on Climate Change.

Published 1995

Publisher Intergovernmental Panel on climate Change,

HathiTrust: [Full Text Online](#) Search only (no full text) Pennsylvania State University

[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,

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[Climate change : the IPCC response strategies /](#)

climate change 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 X

[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 —

- Newspaper Article 3,401,110
- Journal Article 1,661,390
- Book / eBook 494,500
- Dissertation 263,016
- Magazine Article 230,288
- Book Chapter 112,078

1-10 of 6,699,172 results from Articles+ [Clear search and start over](#)

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 HansenMakiko SatoReto 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 **

* <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 Search

Everything Articles+ Databases Online Journals Library Website

Articles+ results: Scholarly journal articles, newspaper articles, book chapters, conference proceedings, and more. Hide

- Filter your search**
- Available Online
 - Articles from Scholarly Journals Only
 - Remove Newspaper Articles
 - Remove Search Only HathiTrust Materials

Format —

Newspaper Article	3,328,231
Journal Article	1,649,629
Book / eBook	490,888
Dissertation	259,049
Magazine Article	228,553

[More Filters](#)

Publication Date —

2010–present	3,148,306
2000–2009	2,084,930
2010–2019	554,761
1880–1889	434,594
1980–1989	96,993

[More Filters](#)

Subject —

[Previous Page](#) 1–20 of **15,820 Results** [Next Page](#) Sort By Selected Items

Perception of climate change Select

Format **Journal Article** Favorite

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... [More](#)

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CLIMATE CHANGE Select

Format **Journal Article** Favorite

Author [Laura Zychla](#)

Published Canadian Journal of Medical Laboratory Science Vol. 78, Issue 3

Date 10/01/2016

Start Page 7

Genre General Information

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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>