Pushing the Boundaries: Innovative Approaches to Open Access Scholarship in Academic Libraries

突破界限：高校图书馆在开放存取学术成果上的创新

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多伦多大学郑裕彤东亚图书馆馆长

July 27, 2023 | 2023年七月27日

The 7th Sino-American Academic Library Forum for Cooperation and Development, July 27-28, 2023

How can academic libraries leverage innovative approaches to support scholarly research and advance the principles of open access?

高校图书馆如何运用创新的方法来支持学术研究并坚持开放存取的原则？

订阅开放资源的模式

Source: Annual Reviews, Subscribe to Open. https://www.annualreviews.org/page/subscriptions/subscribe-to-open (CC-BY-SA 1.0)

Subscribe to Open (S2O) 订阅开放资源的S2O模式

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- **Open Access:** Content becomes freely accessible to all
- **Cost-Free for Authors:** Eliminates costs, promoting wider access

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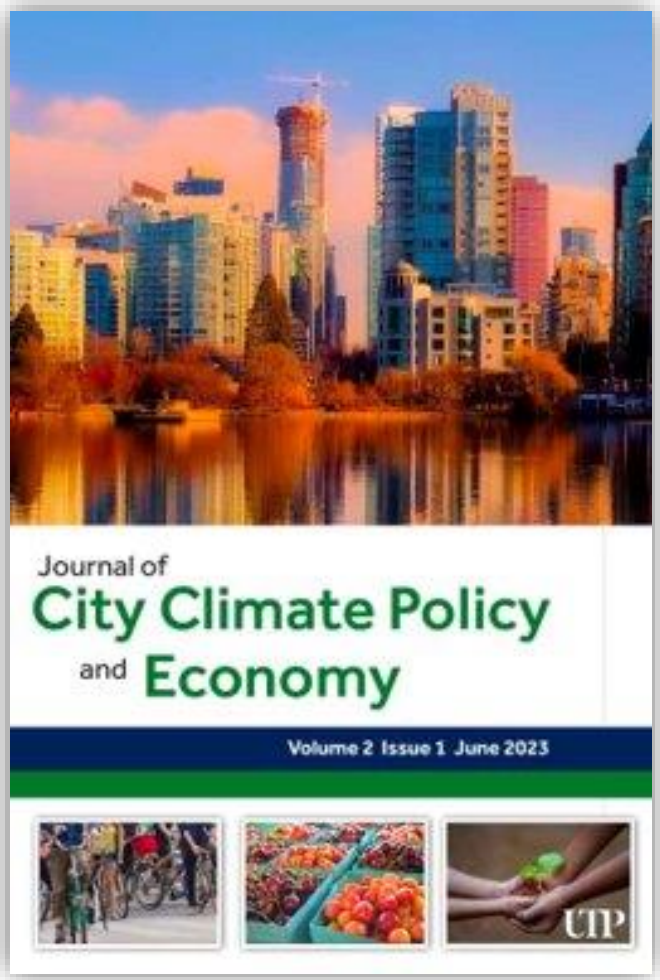
- **获取：**机构用户通过订阅获取内容
- **每年的门槛：**达到每年的订阅门槛从而能够为当年该卷提供开放存取权限
- **开放存取：**内容变为可以由任何人免费获取使用
- **作者也能免费出版：**取消费用，使得内容能更广泛地被获取使用

Subscribe to Open (S2O)

订阅开放资源的S2O模式

University of Toronto Press launched ***The Journal of City Climate Policy and Economy*** based on the S2O model, aiming to achieve the goals of broad dissemination of content without article processing charges (APCs).

多伦多大学出版社的城市气候政策与经济期刊采用了S2O模式，以期能达到在不收文章处理费用（APCs）的基础上扩大内容传播面的目的。



Courtesy of University of Toronto Press
Source: https://jccpe.utpjournals.press/

	Publisher	2020	2021	2022	2023
1	Amsterdam University Press	5	5	6	7
2	Annual Reviews	5	8	8	51
3	Berghahn Books [a, b, c, d]	13	13	14	14
4	Brepols [a]	-	-	1	1
5	CAIRN	-	-	3	3
6	De Gruyter	-	1	11	16
7	Duncker & Humblot	-	-	2	2
8	EDP Sciences	1	6	7	6
9	EMS Press [a, b]	-	10	17	21
10	IOS Press	-	-	-	1
11	IWA Publishing [c]	-	10	10	10
12	Karger Publishers	-	-	-	2
13	Liverpool University Press	-	-	2	2
14	Mohr Siebeck	-	-	-	1
15	MSP (Mathematical Sciences Publishers)	-	-	-	5
16	Pluto Journals [a, b, c]	-	21[e]	21	21
17	SAGE	-	-	-	2
18	University of Toronto Press	-	-	-	1
19	White Horse Press	-	-	-	1
20	Mohr Siebeck	-	-	-	1
	Total journals	**24**	**74**	**102**	**167**
	Year-on-year growth	-	208%	38%	64%

S2O Adoption Among Scholarly Publishers

这些学术出版机构都采用了S2O的模式

(as of April 12, 2023)

Source: https://docs.google.com/document/d/1Me7X0HtV4n4Q-KWIu7HxORMGg8aWfC6mSGo8hRvlF5k/edit

For more information about S2O:

S2O Community of Practice
https://subscribetoopencommunity.org/

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Digital Exhibits 电子展览

U of T's Books and the Silk Roads Project

多伦多大学书籍与丝绸之路的项目

Alexandra Gillespie, vice president and principal of U of T Mississauga, and principal investigator for the Hidden Stories project, joins researchers working on The Book and the Silks Roads project, March 2022.

Source: University of Toronto Mississauga, Office of the Vice-President and Principal.
https://www.utm.utoronto.ca/vp-principal/announcements-news-and-events/u-t-researchers-uncover-hidden-stories-found-centuries-old-books
(Photo by Nick Iwanyshyn)

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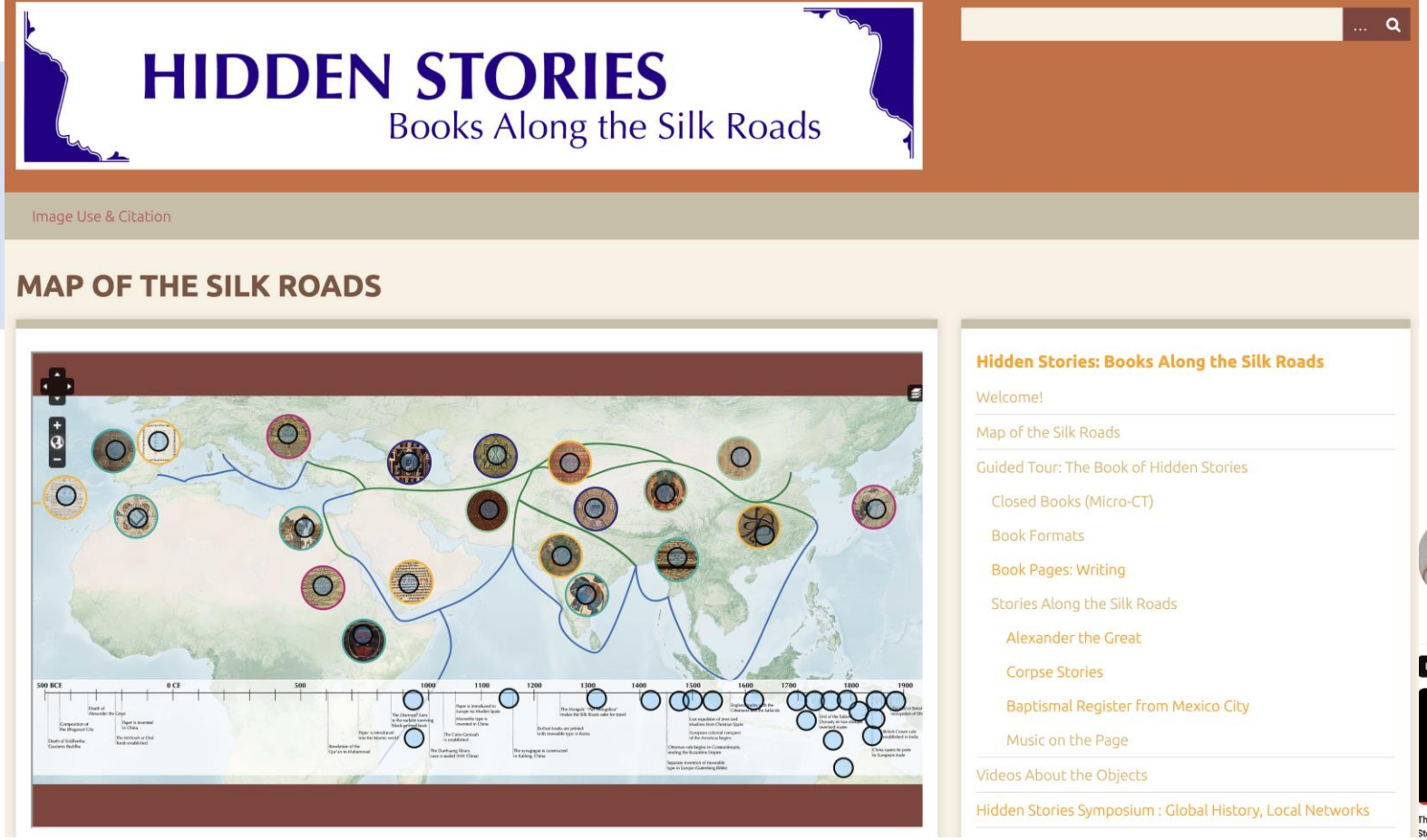
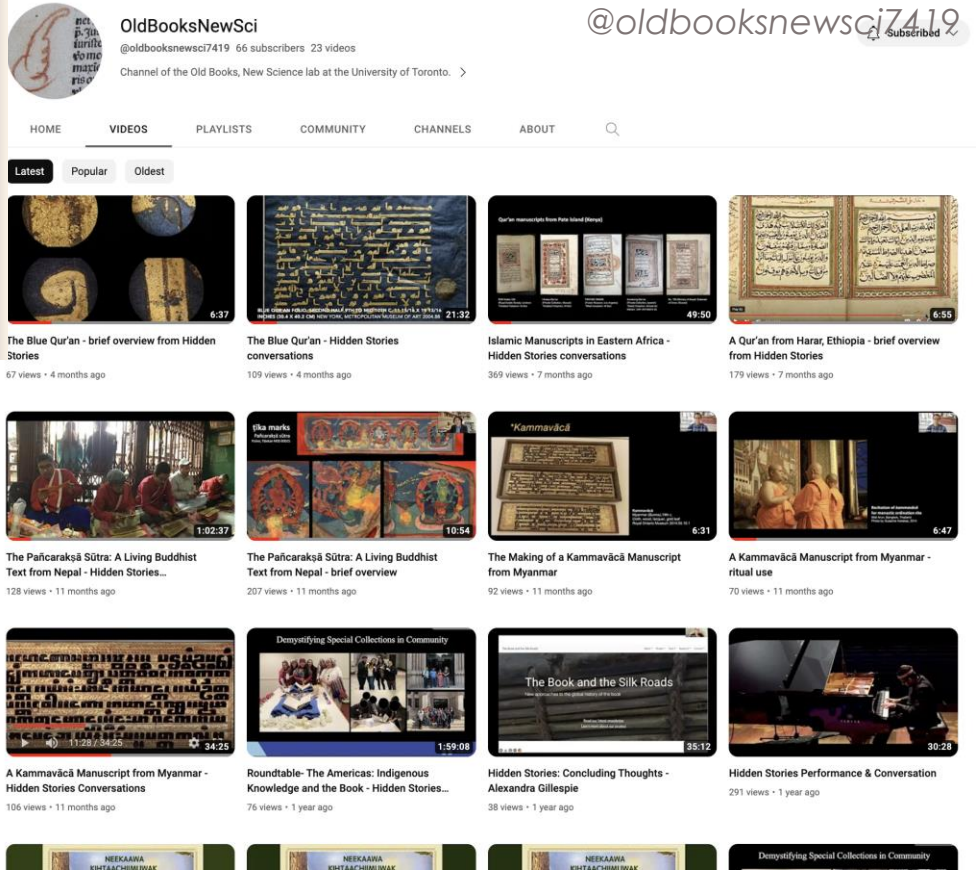


以下是该项目开放存取的油管频道
Below is an open-access YouTube channel for the project.



Above is an open-access digital companion and an in-depth complement to the project.
以上是开放存取的该项目的电子辅助材料和深度补充。

Screenshot from the digital exhibit Hidden Stories: Books Along the Silk Roads (https://hiddenstories.library.utoronto.ca/)

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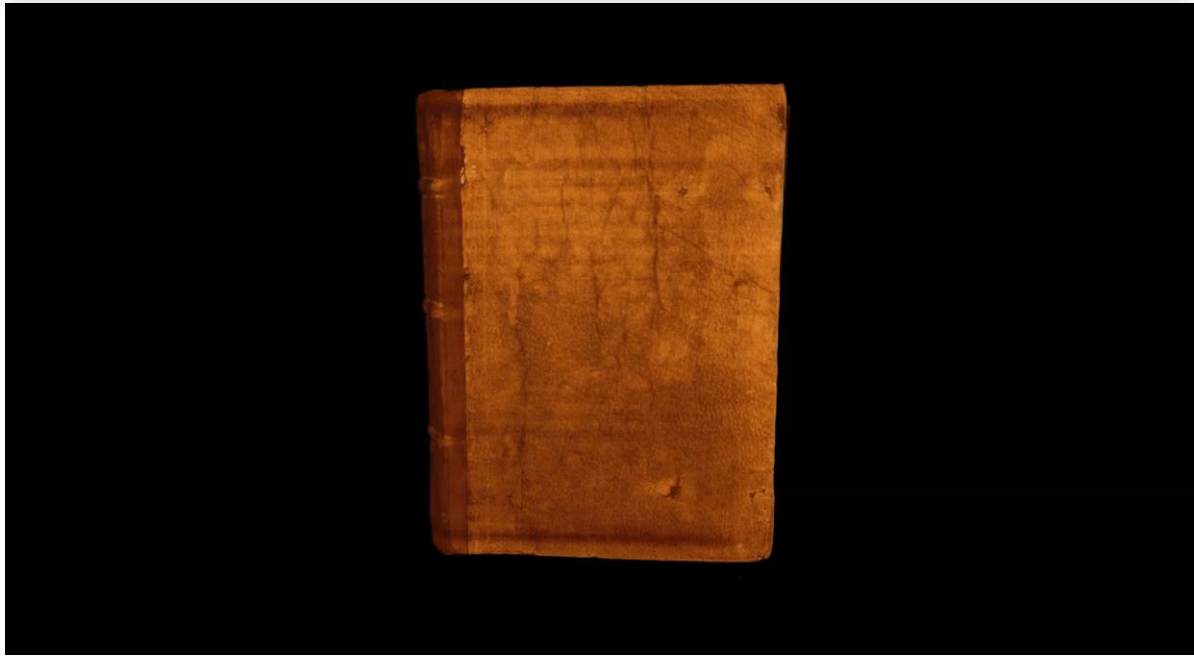
- **Hidden Stories: Books Along the Silk Roads Exhibition + 3D Virtual Tour**
  埋没的故事：丝绸之路上的书籍展览 + 3D虚拟游览
  at Aga Khan Museum, Oct. 2021-Feb. 2022
  (In collaboration with the University of Toronto)
  阿加汗博物馆和多伦多大学联合举办，2021年10月到2022年2月
- **Virtual Symposium**, Feb. 2022 **线上学术研讨会**
  (Hosted by Aga Khan Museum)
  2022年2月，由阿加汗博物馆举办
- **Micro-CT and Hidden Stories**
  微型计算机断层扫描和埋没的故事
  exploring books using Computed Tomography (CT)

A 3-D virtual tour of the Hidden Stories exhibition, providing open access to audiences worldwide. (Source: Aga Khan Museum)



Video from Canon Grandel's Prayer Book (France, Lille, 15th century, Western University, Archives & Special Collections, MS BX2080.C365 1500) via the digital exhibit, Hidden Stories: Books Along the Silk Roads (https://hiddenstories.library.utoronto.ca/).

This is how Canon Grandel's Book of Hours looks under micro-CT imaging. The metal in the text reflects the radiation and turns ink into light.

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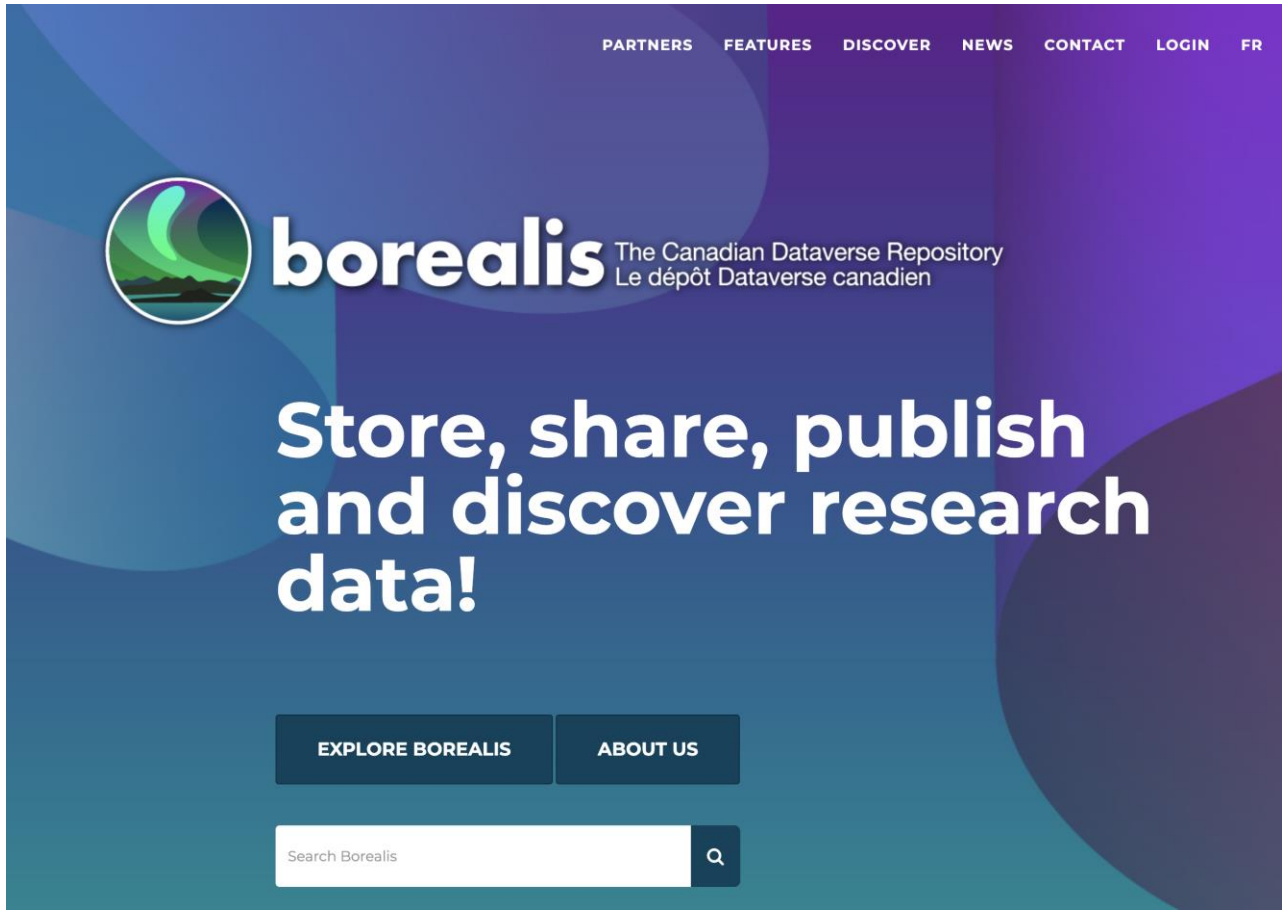
Cross-Institutional Collaboration
跨学院合作

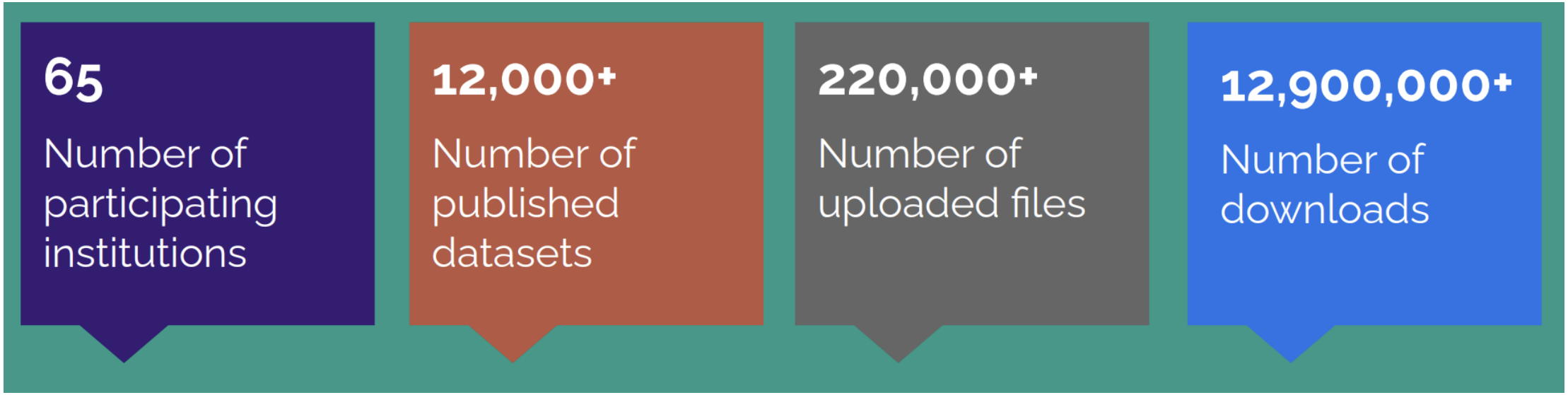
Borealis (https://borealisdata.ca/)

- Multidisciplinary Research Data Repository
  多学科研究数据存储库
- Supported by Academic Libraries & Research Institutions in Canada
  由加拿大高校图书馆和研究机构资助
- Facilitates Open Discovery, Management, and Sharing of Canadian Research Data
  实现加拿大研究数据的开放发现，管理和共享
- Promotes Accessibility & Collaboration among Researchers
  促进研究者之间的数据获取和合作



Borealis

65家参加机构　　12,000以上数据集　　222,000以上上传文档　　12,900,000多次的下载



Source: Introduction to Data Repositories: Borealis, Canadian Dataverse Repository by Amber Leahey and Meghan Goodchild (https://library.carleton.ca/sites/default/files/2023-02/Introduction%20to%20Borealis.pdf)

Sample Search "China"

borealis

Search | User Guide | Support | English | Log In

china

Advanced Search

Dataverses (2)
Datasets (141)
Files (130)

Dataverse Category
Research Project (1)

Publication Year
2023 (10)
2022 (38)
2021 (25)
2020 (2)
2019 (46)
More...

Author Name
Ipsos (63)
Gallup Canada (16)
Canadian Tourism Commission (6)
Destination Canada (6)
Keeley, James F. (6)
More...

Subject
Social Sciences (109)
Other (15)
Business and Management (7)
Arts and Humanities (6)
Law (6)
More...

Keyword Term
consumer confidence (63)
demographics (62)

1 to 10 of 273 Results

Sort

Understanding the Creative Economy in **China**
Oct 2, 2014 - Martin Prosperity Institute Dataverse

2012, "Understanding the Creative Economy in China", https://hdl.handle.net/10864/10073, Borealis, V7

... This work critically examines the emergence of a post-industrial economy in **China** as it continues to transform into a 21st century global leader. On August 15th, 2010, the Financial Times published an article stating that recently released figures from the International Monetary Fund show that **China** had surpassed ...
Geographic Coverage Country / Nation: China
Related Publication Citation: Martin Prosperity Institute (2011). Understanding the Creative Economy in China. Toronto, Canada: Martin Prosperity Institute, University of Toronto.
Geographic Unit: China

Shanghai Spoken Corpus (University of Alberta)
Jun 25, 2015 University of Alberta Dataverse

The Shanghai Spoken Corpus (SSC) is a collection of samples of the Chinese dialect spoken in the Municipality of Shanghai, **China**.

China's county boundary pollution data
Jun 17, 2023 - Lakehead University Dataverse

JiaKai, Wang, 2023, "China's county boundary pollution data", https://doi.org/10.5683/SP3/FMH6H1, Borealis, V1, UNF:6:U0hkHfGJTyz1Vta5ZQLU8g== [fileUNF]

Based on the First National Pollution Source Census Report, we identify seven major water polluting industries and calculates the increase in output value of water polluting enterprises in each county year by year from 2004-2010. The explanatory variables in this paper are whethe...

Replication Data and Code for: House Price, Credit Supply, and Government Policy in **China**
Dec 9, 2021 - Canadian Journal of Economics (CJE)

Germaschewski, Yin, 2021, "Replication Data and Code for: House Price, Credit Supply, and Government Policy in China", https://doi.org/10.5683/SP3/TIFFKR, Borealis, V1, UNF:6:Grm4HHsbomT7ZnZL5Iw1Vg== [fileUNF]

... The data and programs replicate tables and figures from "House Price, Credit Supply, and Government Policy in **China**", by Germaschewski. Please see the ReadMe file for additional details. ...
Related Publication Citation: Germaschewski, Y. (2022). House price, credit supply, and government policy in China. Canadian Journal of Economics/Revue canadienne d'économique, 55(2) : 971-1026.

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Wikipedia & Wikidata edit-a-thons
维基百科和维基数据共建

- Collaboration between York University, University of Toronto, Toronto Metropolitan University, and the Toronto Public Library.
  约克大学，多大，多伦多城市大学和多伦多公共图书馆的合作
- Aims to improve the coverage and quality of Black content on Wikipedia & Wikidata.
  目的为优化维基百科和维基数据上关于非裔的内容
- Experiential education initiative for students.
  学生的沉浸式学习
- Focuses on open knowledge and metadata.
  强调开放知识和元数据
- Highlights the influence of open knowledge on public interaction with history.
  突出开放知识对于公众了解历史的影响

Wikipedia: WikiProject Black History in Canada Tasklist
维基百科：关于加拿大非裔历史的维基项目任务表

Contents [hide]

(Top)

New articles

Existing articles

Education

Film, TV & radio

History

Music

Performers

Composers & researchers

More

Politics, law, public service & activism

Religion

Science, engineering & architecture

Sports

Writing & journalism

Related task lists

Existing articles [edit]

Articles listed below already exist on Wikipedia but might be improved by the suggested tasks.

Most articles were found from the List of Black Canadians (which itself could be expanded as a task).

These tables are by no means comprehensive — feel free to add new articles and suggested tasks!

Education [edit]

If you start working on an article, please mark it as "Started" *in the* Status *column so that others know to work on something else.*				
Article	**Brief description**	**Suggested task**	**Sources**	**Status**
Jacqueline Beaugé-Rosier	Haitian-born educator and writer living in Ontario	Add infobox.		Complete
Afua Cooper	Jamaican-born Canadian historian, professor of sociology at Dalhousie University	Add "archives at" infobox.		Complete
Katherine McKittrick	Professor in Gender Studies at Queen's University	Add infobox.		Complete
Marie-Françoise Mégie	Physician, professor and politician (Member of Senate)	Expand article.		Not started.
Millicent Burgess	May have been the first black teacher for the Toronto District School Board	Add infobox.		Started
Richard Iton	Professor of African American studies at Northwestern University	Add infobox.		Complete

URL: https://en.wikipedia.org/wiki/Wikipedia:WikiProjt_Black_History_in_Canada_Tasklist#Music

Newly Created Article
新登出的文章

WikiProject Black History Contribution
非裔历史的相关维基项目

Eleanor Collins

URL: https://en.wikipedia.org/wiki/Eleanor_Collins

Add languages

Article Talk | Read Edit View history Tools

From Wikipedia, the free encyclopedia

Eleanor Collins (born **Elnora Ruth Procter**; November 21, 1919)[1][2] is a Canadian jazz singer, television host and civic leader. She is known as the Canadian First Lady of Jazz.[1][3][4][5]

Early life [edit]

Elnora Ruth Procter was born on November 21, 1919, in Edmonton, Alberta. Her parents were of Black and Creole Indian heritage and were originally from the state of Oklahoma. They were drawn to the area by a 1906 advertisement to purchase a quarter section (160 acres (65 ha)) of land for $10, among more than 10,000 black homesteaders who did so.[3][1][4][2][6][7] As a girl, she sang and played hymns, religious songs, and anthems, and was involved in Shiloh Baptist Church in Edmonton, a congregation formed by those recent immigrants.[4][2][8]

Music and media career [edit]

At age 15, she won a talent contest in Edmonton.[2] She then sang with Joe Macelli's dance band, and the Three Es,[4] and on CFRN.[9]

In 1938, she relocated to Vancouver and began performing with the Swing Low Quartette, a gospel group that consisted of Collins, her sister, Ruby Sneed, along with Edna Panky and Zandy Price.[4][8] They performed on CBC Radio

Eleanor Collins

Collins performing in the 1940s

Born	Elnora Ruth Procter November 21, 1919 (age 103) Edmonton, Alberta, Canada
Nationality	Canadian
Other names	Elnora Ruth Procter
Occupation(s)	Singer, television host
Years active	1934–1990s
Spouse	Richard Collins (m. 1942; died 2012)
Children	4

Web Archives 网络存档

- **Preserving Digital Resources & Cultural Heritage:** Safeguarding web-based content to ensure its accessibility for future generations & enhance historical understanding.
  保存电子资源和文化遗产：保存依存于网络的内容以便于将来的使用和理解历史
- **Innovative Preservation Techniques:** Introducing advanced methods for long-term availability & access.
  创新的保存技术：介绍先进的长期保存和获取的方法
- **Overcoming Content Ephemeral Nature:** Protecting web-based materials from loss or alteration.
  克服网上内容的短暂性：防止依存于网络的材料的遗失和变更
- **Promoting Collaboration:** Facilitating partnerships among academic institutions for shared web archive collections.
  加强合作：实现高校图书馆之间的合作，共享网络存档的资源

COVID-19 in Ontario

COVID在安省的网络存档

URL: https://www.archive-it.org/collections/13695?

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COVID-19 in Ontario

Collected by: University of Toronto

Archived since: Mar, 2020

No description.

Narrow Your Results

Group Sort By: Count | (A-Z)

Long-Term Care Home Inspection Reports (1)
Monthly (97)
Municipality COVID-19 Pages (386)
Once (162)
Premier of Ontario Youtube (89)

More ▼

Creator Sort By: Count | (A-Z)

Government of Ontario (49)
Public Health Ontario (49)
Government of Ontario. Ministry of Labour, Training and Skills Development (13)
Government of Ontario. Ministry of Education (12)
Government of Ontario. Ministry of Health (8)

More ▼

Collector Sort By: Count | (A-Z)

University of Toronto Archives & Records Management Services (65)

Relation Sort By: Count | (A-Z)

Previously https://www.utoronto.ca/utogether2020 (1)
Previously https://www.utoronto.ca/utogether2020/covid19-dashboard (1)

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Sites | Search Page Text

Page 1 of 17 (1,603 Total Results) Next Page ▶

Sort By: Title (A-Z) | Title (Z-A) | URL (A-Z) | URL (Z-A)

Title: 2019 Novel Coronavirus (COVID-19): What you need to know to help you and your family stay healthy

URL: https://files.ontario.ca/moh-coronavirus-pec-poster-en-2020-03-09.pdf

Description: Poster with basic advice on preventing the spread of COVID-19 (hand, surface, and cough/sneeze hygiene and staying home when ill).
Loading Wayback Capture Info...
Loading video data...
Group: Once
Creator: Government of Ontario. Ministry of Health

Title: 2020 Mises à jour du Programme ontarien des candidats à l'immigration

URL: https://www.ontario.ca/fr/page/emplois-dans-le-secteur-agricole-et-alimentaire-en-ontario/

Loading Wayback Capture Info...
Loading video data...
Creator: Gouvernement de l'Ontario. Ministère du Travail, de la Formation et du Développement des compétences

Title: 2020 Ontario Immigrant Nominee Program Updates

URL: https://www.ontario.ca/page/expenditure-estimates-ministry-

Archives Research Compute Hub (ARCH)
档案研究的计算中心

Internet Archive Blogs

Build, Access, Analyze: Introducing ARCH (Archives Research Compute Hub)

Posted on June 26, 2023 by tpadilla

We are excited to announce the public availability of ARCH (Archives Research Compute Hub), a new research and education service that helps users easily build, access, and analyze digital collections computationally at scale. ARCH represents a combination of the Internet Archive's experience supporting computational research for more than a decade by providing large-scale data to researchers and dataset-oriented service integrations like ARS (Archive-it Research Services) and a collaboration with the Archives Unleashed project of the University of Waterloo and York University. Development of ARCH was generously supported by the Mellon Foundation.

Internet Archive Blogs
URL: https://blog.archive.org/2023/06/26/build-access-analyze-introducing-arch-archives-research-compute-hub/

- **Computational Research Support:** Enables text and data mining, data science, machine learning, and more.
  计算性的研究支持：文本挖掘和数据挖掘，数据科学，机器学习及其它。
- **Custom Research Collections:** Build tailored collections for focused investigations.
  定制的研究资源：为重点研究定制的研究资源。
- **Scalable Access:** Work with tens of thousands of web archive collections.
  多重获取许可：处理数以万计的网络存档。
- **Reproducibility and Open Publication:** Promotes transparent and collaborative research practices.
  可重复性和开放出版：提高研究的透明度和合作。
- **Preservation of Contemporary History:** Access an extensive web archive dating back to 1996.
  保存当代历史：获取海量的网络档案，回溯至1996。
- **Expansion to Include Text and Image Collections:** Broadens research possibilities.
  扩充以包括文本和图像的收藏，扩大研究可能性。

CONCLUSION:
Advancing Open Access Scholarship

结论：推进开放存取的学术研究

- Beyond the Basics 超越基本的做法
- Democratizing Knowledge 知识民主化
- Advancing Research Worldwide 推进全球范围的研究
- Bridging Gaps 消除差距
- Empowering Researchers 提高研究者的能力
- Catalyzing Collaboration 促进合作
- Inspiring Transformation 激发变化

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