



# The Canadian Roadmap for Advancing Scholarly Communications

Jonathan Bengtson, Vice-President, Canadian Association of Research Libraries & University Librarian, University of Victoria

Annual Meeting of the Pacific Rim Research Library Alliance, University of California, Berkeley, Sept. 16-19, 2018

# Towards a Sustainable Scholarly Communication System in Canada

- Context and Rationale
- Roadmap Objectives
- Some of the Resulting Activities

**UVIC**  
DISCOVER YOUR EDGE



## Canada's 31 largest research libraries

- **29 academic libraries** based in research-intensive universities across Canada
- **2 federal institutions:** Library and Archives Canada and National Research Council National Science Library



McGill University - Osler Library of the History of Medicine.  
Photo: Lauren Goldman



CARL Fall General Meeting - 2016

## A leadership organization

- To enhance members' individual and collective capacity to support higher learning and scholarship
- To promote a public policy environment in which libraries, research, and open scholarship will thrive

# Current government landscape

The current federal government has taken many steps to position itself as supporting research, embracing science, and open government

# Canadian Universities and Sustainable Publishing (CUSP): A White Paper (February 2016)

*“The scholarly communications landscape in Canada is on the cusp of transformative change.”*

## Canadian Universities and Sustainable Publishing (CUSP)

A White Paper

Prepared on behalf of the Canadian Association of Research Libraries (CARL)  
by Martha Whitehead and Brian Owen

February 22, 2016

[http://www.carl-abrc.ca/wp-content/uploads/2016/04/Can\\_Univ\\_Sustainable\\_Publishing\\_2016.pdf](http://www.carl-abrc.ca/wp-content/uploads/2016/04/Can_Univ_Sustainable_Publishing_2016.pdf)



## Following the CUSP white paper

- Engagement of the provosts of 15 largest universities, and some interest in a statement of principles
- Institutions systematically raising awareness amongst faculty and administrators of the need for change
- Canadian publishers interested but also concerned – ‘Don’t paint us with the same brush as the big five.’
- Now on agenda of Universities Canada (presidents)

*... Encouragement that led to development of the Roadmap*

# The CARL Roadmap (January 2017)

The Roadmap is guided by the vision of an open, sustainable, effective, and innovative scholarly communication system that is governed and managed by the scholarly community, and that reflects a substantial role for Canadian academic libraries.

[http://www.carl-abrc.ca/wp-content/uploads/2017/03/CARL\\_ScholComm\\_Roadmap\\_EN.pdf](http://www.carl-abrc.ca/wp-content/uploads/2017/03/CARL_ScholComm_Roadmap_EN.pdf)



JANUARY 2017

**CARL SCHOLARLY  
COMMUNICATIONS  
ROADMAP**

[info@carl-abrc.ca](mailto:info@carl-abrc.ca)



# CARL Scholarly Communications Roadmap

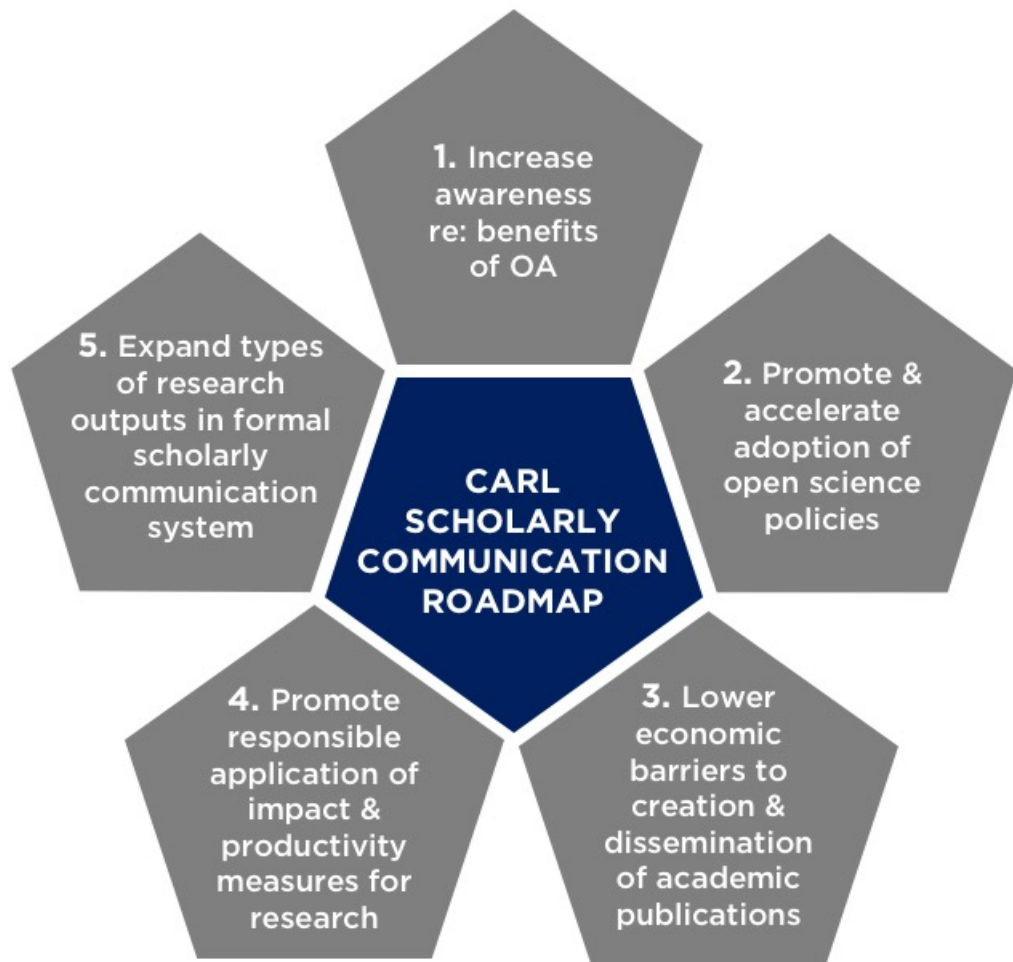
By acting nationally and coordinating internationally, Canada and CARL can be a force for change through:

- Collaborating with other stakeholders in Canada
- Identifying, supporting and promoting ideas with other regions
- Working to change cultures and local practices
- Launching pilot projects designed to expand beyond our borders

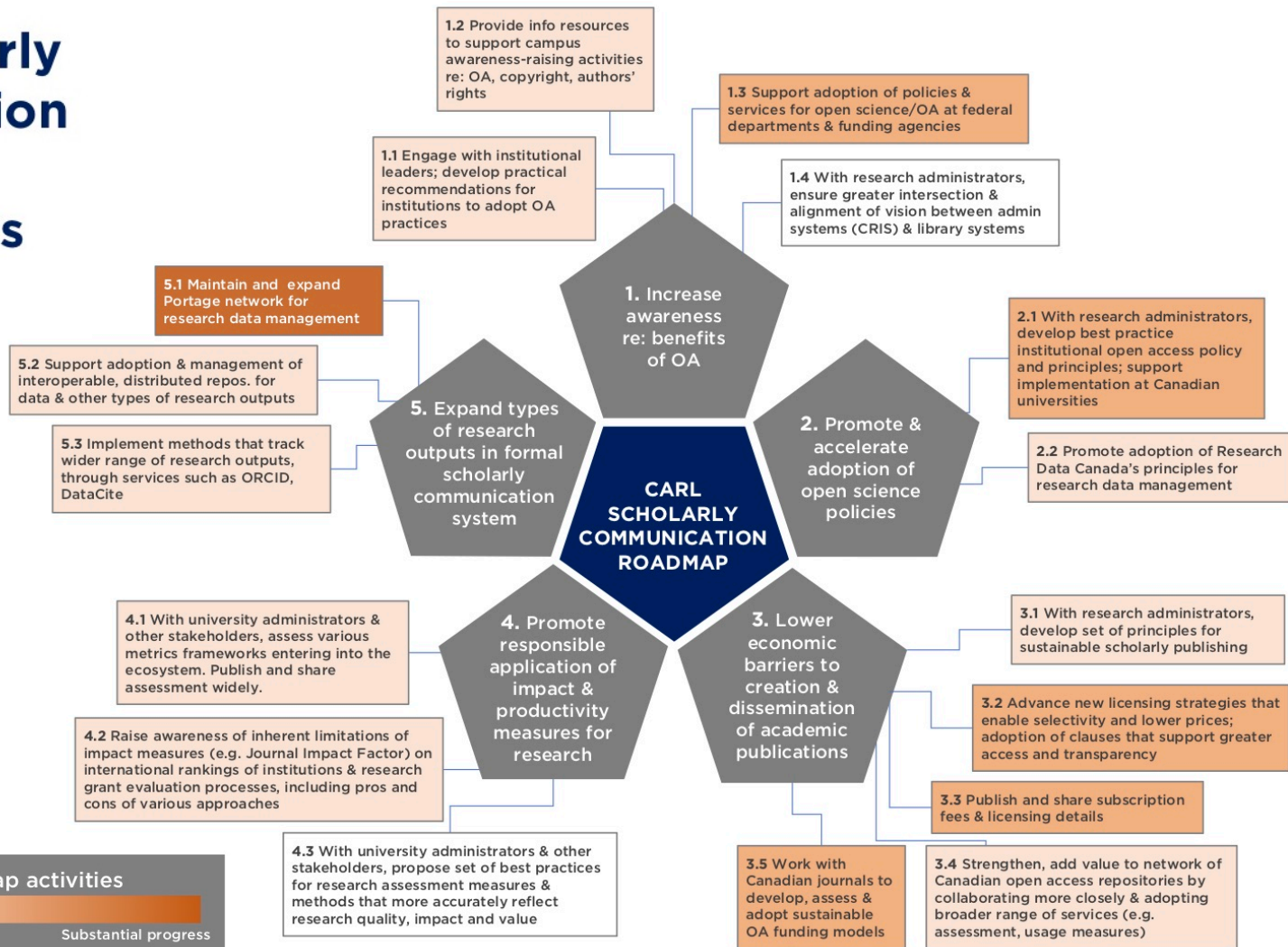
...IARLA mapping on framework underway (CAUL, RLUK, LIBER, ARL)

# CARL Scholarly Communication Roadmap

## CARL Roadmap Objectives



# CARL Scholarly Communication Roadmap Achievements 2017-2018



# U15 Statement on Sustainable Publishing



The screenshot shows a web browser window displaying the U15 website. The address bar shows the URL [u15.ca/what-we-are-saying/u15-statement-sustainable-publishing](http://u15.ca/what-we-are-saying/u15-statement-sustainable-publishing). The browser's search bar contains the text "u15 sustainable publishing". The website's header features the U15 logo, which consists of a large red "U" and a smaller blue "15". Below the logo, the text reads "Group of Canadian Research Universities" and "Regroupement des universités de recherche du Canada". A navigation menu is located below the header, with "ABOUT US" selected. The main content area displays the title "U15 Statement on Sustainable Publishing" and the date "Posted on Jul 17, 2017". The text begins with a "Preamble" section, stating that access to research and scholarly outputs is essential for scientific discovery, innovation, and education. It also mentions that research-intensive universities require timely and continuing access to international research results and scholarship. The text concludes with a section titled "Open Access", which states that the U15 shares international concerns regarding the necessity for an accessible and sustainable model of scholarly publishing. The website is designed with a clean, professional layout, featuring a blue and white color scheme.

u15.ca/what-we-are-saying/u15-statement-sustainable-publishing

u15 sustainable publishing

Search

Contact Us Portuguese 中国 Français

**U**15

**Group of Canadian Research Universities**  
Regroupement des universités de recherche du Canada

ABOUT US ▾ PUBLICATIONS ▾ INTERNATIONAL CONTACT

Home ▾ Publications

## U15 Statement on Sustainable Publishing

Posted on Jul 17, 2017

### Preamble

Access to research and scholarly outputs is essential for scientific discovery, innovation, and education. To maximize knowledge transfer and impact, our researchers' work must be made readily available around the globe. Research-intensive universities also require timely and continuing access to international research results and scholarship in order to advance and disseminate knowledge, and to develop the next generation of researchers. This research life cycle depends upon a healthy communication ecosystem anchored in the following principles:

### Open Access

The U15 shares international concerns regarding the necessity for an accessible and sustainable model of scholarly publishing. We are committed to the widest possible access to research and scholarly outputs.

<http://u15.ca/what-we-are-saying/u15-statement-sustainable-publishing>

# Encourage adoption of open access policies

As a tool to be used to actively pursue adoption of an institutional open access policy or simply to initiate a conversation on this topic, members of CARL's Advancing Research Committee are:

- Producing a template for a Canadian institutional open access policy;
- Compiling advice and strategies from institutions that have gone through process;
- Updating existing CARL documentation on author rights to be used concurrently.

**2.1 With research administrators, develop best practice institutional open access policy and principles; support implementation at Canadian universities**

# Expose unsustainability of journal pricing

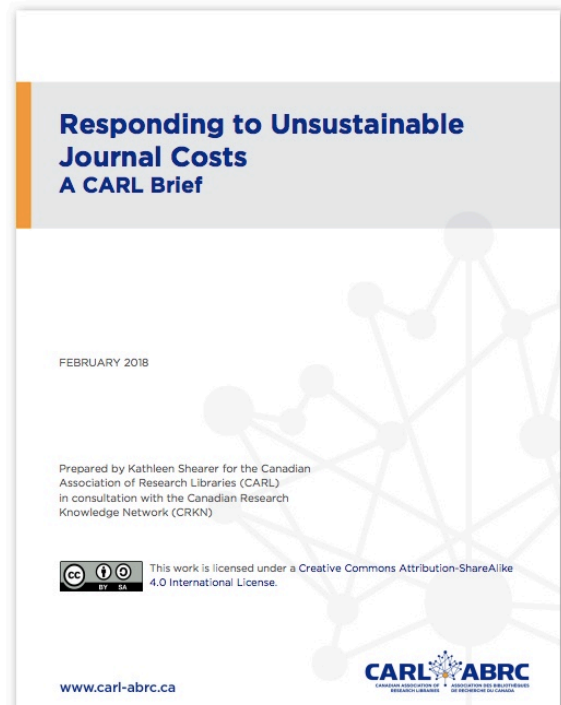
## *Responding to Unsustainable Journal Costs: A CARL Brief*

- Description of current untenable oligopolistic situation and causes
- Examination of both direct and indirect responses thus far by institutions and stakeholder community
- Recommendations for action by the post-secondary academic community

[http://www.carl-abrc.ca/wp-content/uploads/2018/02/CARL\\_Brief\\_Subscription\\_Costs\\_en.pdf](http://www.carl-abrc.ca/wp-content/uploads/2018/02/CARL_Brief_Subscription_Costs_en.pdf)

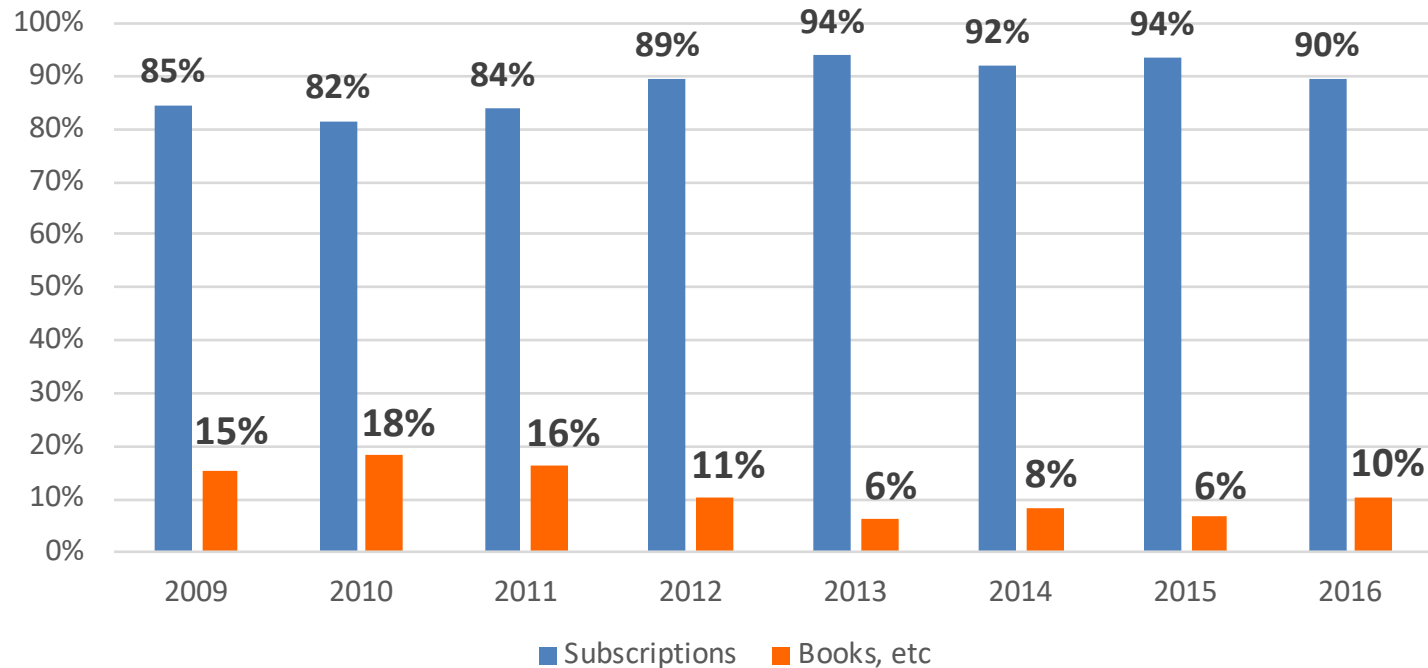


### 3.3 Publish and share subscription fees & licensing details



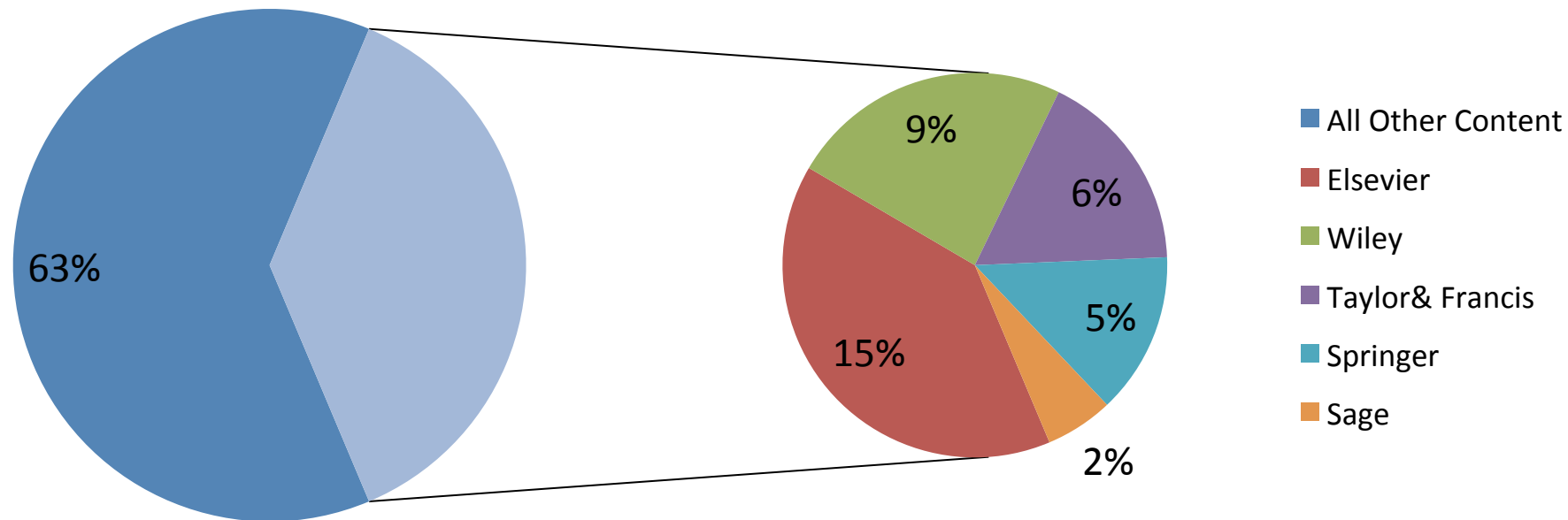


# Effect of oligopoly on acquisitions expenditures



Example: University of Dalhousie Libraries Acquisitions Budget 2016-17

# A Core, Interest Raising Issue



Example: University of Victoria Libraries Acquisitions Budget 2016-17

# Moving towards a fair price model



# Sharing license costs

- This project was inspired by the work done in Finland and elsewhere, and by a number of Canadian institutions.
- On May 11, 2018, CARL publicly released data from CARL member institutions for 2017-2018 licenses consortially negotiated by the Canadian Research Knowledge Network (CRKN).
- CARL plans to share as much license cost data as possible, on a regular basis.

## 3.3 Publish and share subscription fees & licensing details

<http://www.carl-abrc.ca/news/carl-members-release-journal-subscription-cost-data/>

# Open Repositories Working Group

- Tasked with defining a **strategic vision** for repositories as well as helping to move the community forward around **shared goals and objectives**
- Four task groups formed:
  - Task Group for OpenAIRE
  - Task Group for **Community Building and Engagement**
  - Task Group on **Standards for IR Usage Data**
  - Task Group on **Next Generation Repositories**

**3.4 Strengthen, add value to network of Canadian open access repositories by collaborating more closely & adopting broader range of services (e.g. assessment, usage measures)**

# Canadian Scholarly Communications Working Group

- Facilitated by CARL, with multiple stakeholders including the Canadian Association of Learned Journals, the Association of Canadian University Presses, Érudit, and Public Knowledge Project (PKP) – as well as researchers and one funding body
- The final report offers useful insight toward the development of emerging publishing services and platforms in the Canadian research landscape as a key component of a larger knowledge mobilization strategy

**3.5 Work with Canadian journals to develop, assess & adopt sustainable OA funding models**

[http://www.carl-abrc.ca/wp-content/uploads/2017/07/CSPWG\\_final\\_report\\_EN.pdf](http://www.carl-abrc.ca/wp-content/uploads/2017/07/CSPWG_final_report_EN.pdf)



# Work with Canadian journals on Open Access

Further activity:

- Supporting the work of organizations like Érudit, who is proposing to develop a national platform for both French and English language journals in Canada, with a suite of services.
- Provided feedback during the Social Sciences and Humanities Research Council's consultation on reform of the Aid to Scholarly Journals program

**3.5 Work with Canadian journals to develop, assess & adopt sustainable OA funding models**

<https://apropos.erudit.org>

[http://www.sshrc-crsh.gc.ca/funding-financement/programmes-programmes/scholarly\\_journals-revues\\_savantes-eng.aspx](http://www.sshrc-crsh.gc.ca/funding-financement/programmes-programmes/scholarly_journals-revues_savantes-eng.aspx)

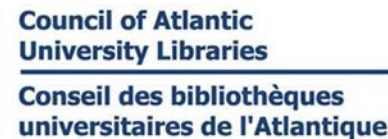
# Portage: Shared Stewardship of Research Data

- A sustainable network of library-based services and collaborative infrastructure for research data management
- Coordinates and expands existing **expertise, services,** and **infrastructure** to support academic researchers in Canada

5.1 Maintain and expand Portage network for research data management

**portage**

# Working with Multiple RDM Stakeholders





# portage

SERVICES PARTAGÉS POUR LES DONNÉES DE RECHERCHE  
SHARED STEWARDSHIP OF RESEARCH DATA

[Home](#)[Contact Us](#)[Français](#)[Training Resources](#)[Communities of Practice](#)[How to Manage Your Data](#)[Infrastructure Platforms](#)[Work with Portage](#)[About Portage](#)

**THE PORTAGE NETWORK** is dedicated to the shared stewardship of research data in Canada through:

- Developing a national research data culture
- Fostering a community of practice for research data
- Building national research data services and infrastructure

Launched in 2015 by the [Canadian Association of Research Libraries](#), Portage works within the library community to coordinate expertise, services, and technology in research data management,



For RESEARCHERS



For LIBRARIANS &

## DMP Assistant

[Sign In](#)

If you have an existing account with DMP Assistant or previous version of DMP Builder.

[Sign Up](#)

New to DMP Assistant? Sign up today.

[Terms of Use](#)

FEDERATED RESEARCH DATA REPOSITORY  
DÉPÔT FÉDÉRÉ DE DONNÉES DE RECHERCHE

[NEWS](#)

# Community of Practice – Network of Experts

## Areas of Expertise:

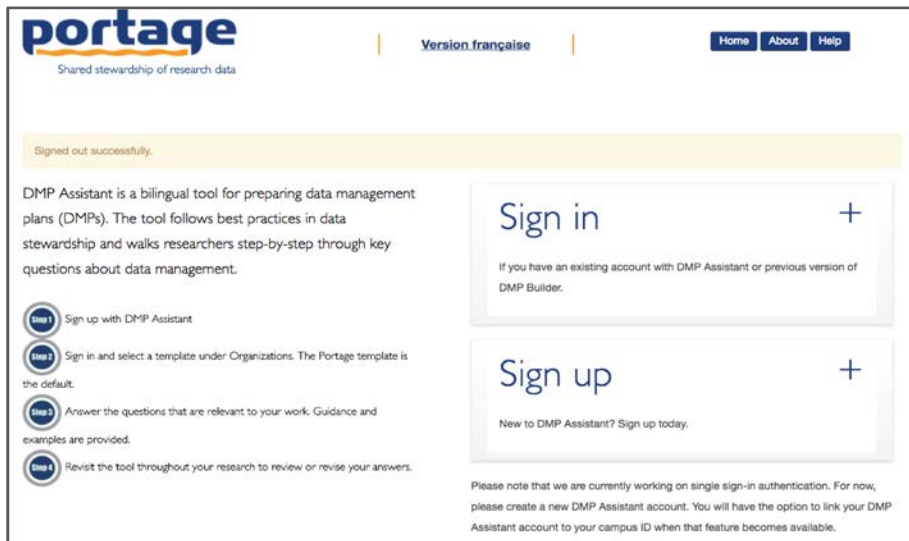
- Data Management Planning
- Data Discovery
- Curation
- Preservation
- Research Intelligence
- RDM Platforms
- Training





# Infrastructure – Recent Developments

## DMP Assistant – Data Management Planning



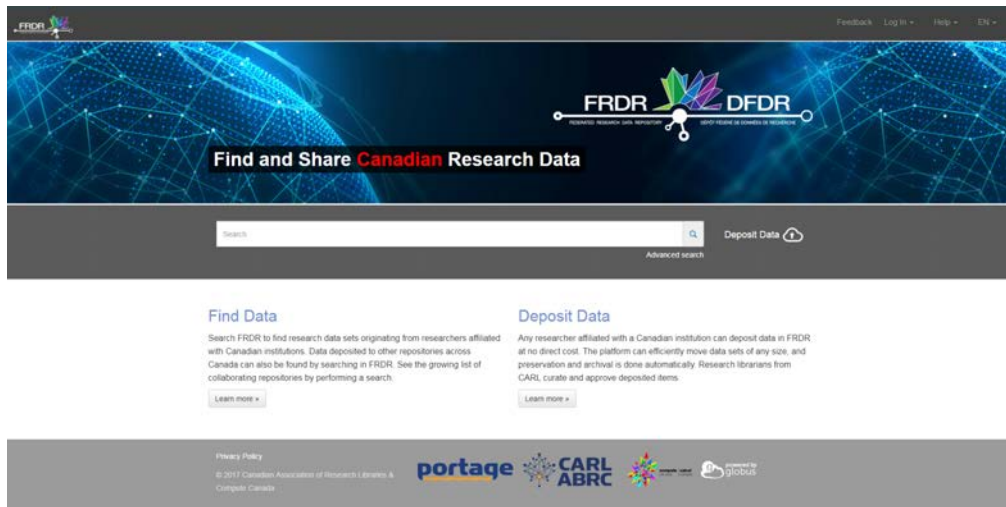
The screenshot shows the DMP Assistant website interface. At the top left is the 'portage' logo with the tagline 'Shared stewardship of research data'. To the right of the logo is a link for 'Version française'. Further right are navigation links for 'Home', 'About', and 'Help'. Below the navigation is a yellow banner that says 'Signed out successfully.'. The main content area is divided into two columns. The left column contains a paragraph describing the tool: 'DMP Assistant is a bilingual tool for preparing data management plans (DMPs). The tool follows best practices in data stewardship and walks researchers step-by-step through key questions about data management.' Below this paragraph are four numbered steps: 'Step 1 Sign up with DMP Assistant', 'Step 2 Sign in and select a template under Organizations. The Portage template is the default.', 'Step 3 Answer the questions that are relevant to your work. Guidance and examples are provided.', and 'Step 4 Revisit the tool throughout your research to review or revise your answers.'. The right column contains two large buttons: 'Sign in' and 'Sign up', each with a plus sign icon. Below the 'Sign in' button is the text 'If you have an existing account with DMP Assistant or previous version of DMP Builder.'. Below the 'Sign up' button is the text 'New to DMP Assistant? Sign up today.'. At the bottom of the right column is a note: 'Please note that we are currently working on single sign-in authentication. For now, please create a new DMP Assistant account. You will have the option to link your DMP Assistant account to your campus ID when that feature becomes available.'

- Online, bilingual data management planning tool to help researchers create data management plans
- Based on Digital Curation Centre's DMP Online tool
- Available to all Canadian researchers
- Domain-specific templates in development



# Infrastructure – Recent Developments

## Federated Research Data Repository (FRDR)



The screenshot shows the FRDR website interface. At the top, there is a navigation bar with links for Feedback, Log In, Help, and EN. The main header features the FRDR and DFDR logos, with the tagline "Find and Share Canadian Research Data". Below the header is a search bar with a search icon and a "Deposit Data" button. The page is divided into two main sections: "Find Data" and "Deposit Data". The "Find Data" section includes a brief description of the search functionality and a "Learn more" link. The "Deposit Data" section includes a brief description of the deposit process and a "Learn more" link. The footer contains a Privacy Policy link, copyright information for 2017, and logos for Portage, CARL ABRC, and Globus.

- Joint software development project with Compute Canada
- A scalable, federated platform for digital RDM and the discovery of Canadian research data
- In limited production as of autumn 2017

# Infrastructure – Recent Developments

## Dataverse North



- Brings together Dataverse providers and research libraries across Canada
- Coordinate local and national training, support services, outreach strategies, promotions, and infrastructure development and needs

# Recent Developments

- RDM Funding
- Digital Preservation Forum (@Risk North 2) in Montreal, Nov.r 9, 2018
- Planning for a two-day national forum in 2019 on Scholarly Communication (with SPARC)



Thank you

<http://www.carl-abrc.ca/publications-and-documents/>



Winslow Homer, "The Portage" (1897)

Jonathan Bengtson  
[bengtson@uvic.ca](mailto:bengtson@uvic.ca)