



**NRC-CNRC**

From *Discovery*  
to *Innovation...*

# Data management activities of Canada's National Science Library – 2010 update and prospective

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Canada

# Outline

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# 1. Introduction

## **The Canada Institute for Scientific and Technical Information, National Research Council of Canada**

### **Mission**

- To advance research and innovation through high-value information and publishing services in science, technology and medicine

### **Goals**

- Provide universal, seamless and permanent access to information for Canadian research and innovation
- Enable researchers and entrepreneurs to advance and exploit knowledge through accelerated, innovation scientific communication
- Lead scientific, technical and medical (STM) information communities across Canada to become a national force for innovation.

## 2. The NRC-CISTI Transformation

In February 2009, the Government of Canada performed a strategic review of NRC programs.

- NRC-CISTI publishing (NRC Research Press) transferred to private sector, now: Canadian Science Publishing
- Strategic partnership initiatives pursued with new commitment
  - PubMed Central Canada
  - Research Data Strategy Working Group
  - Trusted Digital Repository
  - Health sector initiatives
- Information discovery and access services refined and streamlined
- New NRC President appointed: John R. McDougall

## **3. Update on NRC-CISTI's Data-Related Activities**

1. Sponsor of Canadian National Committee for CODATA (CNC/CODATA)
2. Research Data Strategy Working Group
  - Report: Stewardship of Research Data in Canada: A Gap Analysis (Dec. 2009)
  - Awareness toolkit: Research Data: Unseen Opportunities (2010)
  - Response to Canadian Government's Digital Economy Consultation (2010)
  - Course development: data-management skills for librarians
  - Development of Canadian Data Stewardship Principles (expected 2010)
3. NRC-CISTI's Gateway to Scientific Data
4. ICSTI conference 2009: Managing Data for Science
5. DataCite

## 4. Additional Context

- (Canadian) Federal Science eLibrary (FSeL)
- WorldWideScience.org
- Canadian Health Sciences Community
  - PubMed Central Canada (PMC Canada)
  - Canadian Virtual Health Library (CVHL)
- International Council for Scientific and Technical Information (ICSTI)

## 5. The Next Few Years

Continued development and support of initiatives with focus on:

- Working with other federal science departments and the Canadian health community
  - E.g. new partnership with Health Canada
  
- Building access vehicles that showcase Canada's research
  - E.g. NRC Publications Archive
  
- Expanding access to research data
  - Expansion of the Gateway to Scientific Data
  - Continued support of CNC/CODATA

## 5. The Next Few Years (continued)

### A Data Strategy Framework and Policy for NRC-CISTI

- Providing dataset management and identity services;
- Improving access to and discovery of scientific datasets;
- Establishing NRC as a government data provider; and
- Sustaining NRC-CISTI's outreach to the Canadian scientific data research community.



## 5. The Next Few Years (continued)

### A Data Summit in early 2011

- A consensus around some of the key actions required to develop a national strategy;
- A shared vision of the roles and responsibilities of stakeholders in order to ensure that research data management responsibilities are coordinated and effective; and
- New collaborations and working relationships amongst the various participants of the summit.

## 6. Conclusion

- Transformation implementation is a major focus, not yet complete
  - Mechanisms and timelines moving forward
- Strategic initiatives and collaborations will be key
- NRC-CISTI remains well-positioned nationally and internationally
- NRC-CISTI has excellent exposure through increased awareness of CNC/CODATA activities

NRC-CISTI:

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CNC/CODATA:

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Bibliography and Web links provided in full paper

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