

# The Canadian Consortium for Arctic Data Interoperability:

## An Emerging Initiative for Canadian Arctic Data Sharing and Analysis

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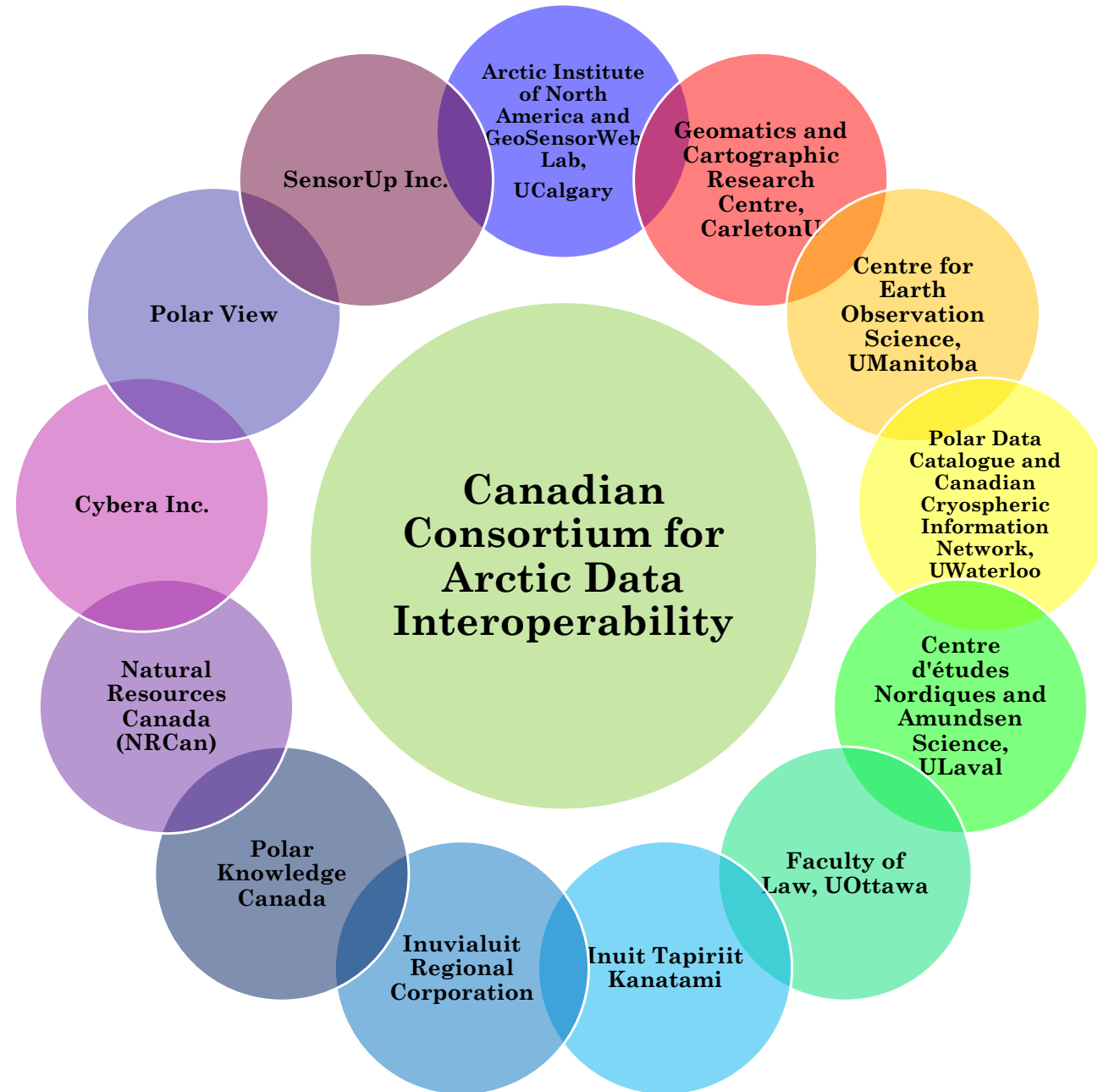
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# Current Membership

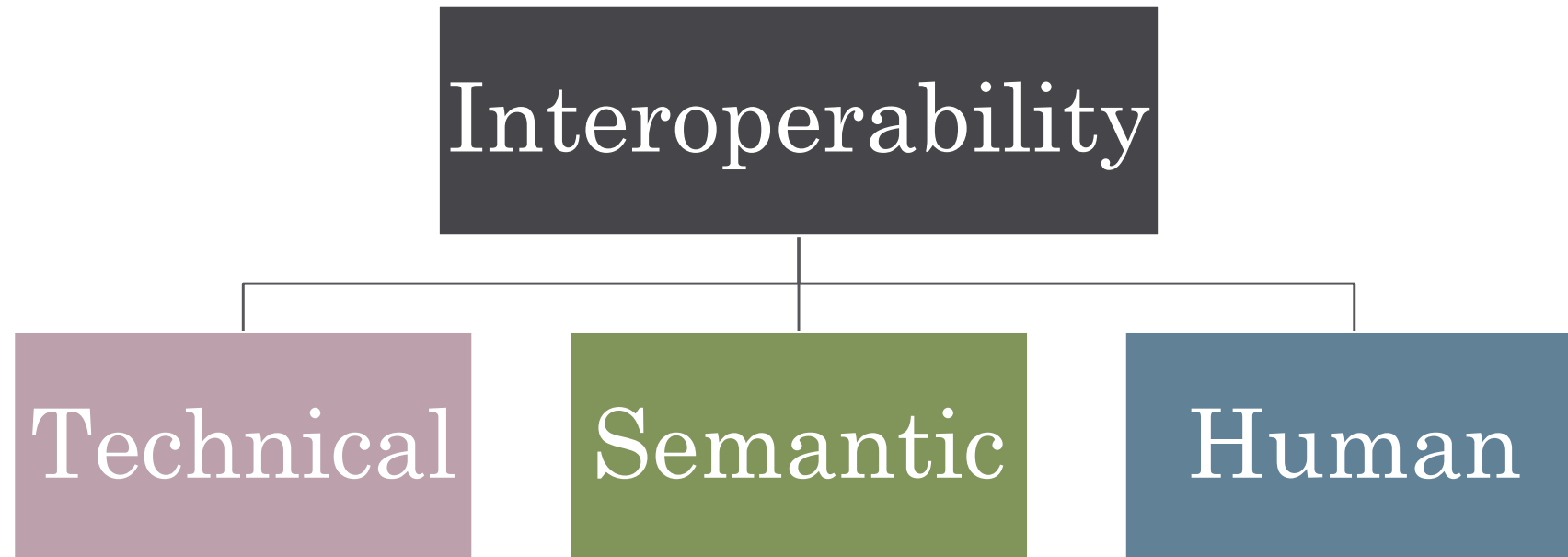


# Objectives

Establish a national governance structure for the consortium and facilitate:

- Discovery/access to Arctic data.
- Implementation of standards and policies for data interoperability/sharing.
- Creation of platform-integrated analysis and mapping tools for organizing, translating, and integrating disparate data.

“The ability of computer systems or software to exchange and make use of information” - OED



# Ethically Open Data

Data are made available fully, freely, and openly with minimal delay. The only exceptions to this requirement of full, free, and open access are:

- where human subjects are involved, confidentiality shall be protected as appropriate and guided by the principles of informed consent;
- where local and traditional knowledge is concerned, rights of the knowledge holders shall not be compromised;
- where data release may cause harm, specific aspects of the data may need to be kept protected (for example, locations of nests of endangered birds or locations of sacred sites).

- IASC Statement of Principles and Practices for Arctic  
Data Management, April 16, 2013

[http://www.iasc.info/images/pdf/IASC\\_data\\_statement.pdf](http://www.iasc.info/images/pdf/IASC_data_statement.pdf)



## The Canadian Consortium for Arctic Data Interoperability

The CCADI is currently composed of a group of Canada's foremost Arctic scholars and Arctic data managers at the University of Calgary (Arctic Institute of North America), the University of Waterloo (Canadian Cryospheric Information Network and Polar Data Catalogue), Carleton University (Geomatics and Cartographic Research Centre), the University of Manitoba (Centre for Earth Observation Science), Université Laval (Centre d'études nordiques), University of Ottawa (Faculty of Law) Inuit Tapiriit Kanatami, Inuvialuit Regional Corporation, Natural Resources Canada, Polar Knowledge Canada, Cybera Inc., Polar View, and Sensor-Up Inc.

[Read more](#)



**CCADI aims to advance collaboration, nationally and internationally, through development of an integrated Canadian arctic data management system that facilitates information discovery, establishes metadata and data sharing standards, enables interoperability among existing data infrastructures, and is accessible to the broadest possible audience of users.**

# Thank You!

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