

When 'Local' is 500 km Away:

Creating a Digital Library for the
Inuvialuit Settlement Region

Presented by Robyn Stobbs

Content from the Digital Library North Project

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Cockney, Sharon Farnel, Sandy Campbell

Outline & Objectives

- Why Digital Library North?
 - Introduction to DLN
 - What is Environmental Scanning?
 - The case of DLN and the scanning model
 - From Specific to General?
 - Principles and applications for library projects
-

Why Digital Library North?

—

A Collaborative Project...



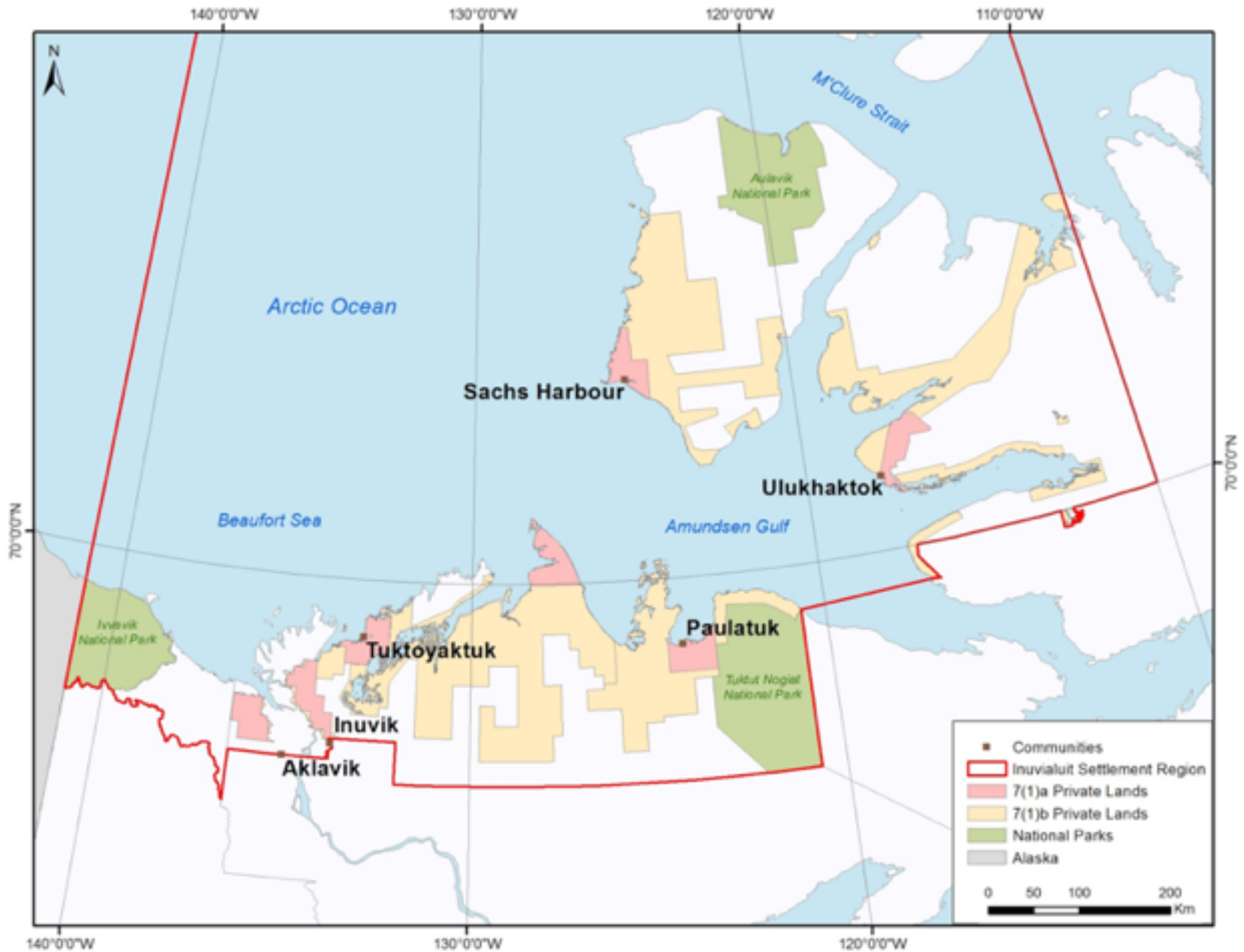
Inuvialuit Cultural Resource Centre,
October 2014.
Photograph taken by Robyn Stobbs.



DLN Project Team after the Open House,
May 19, 2016.
Photograph taken by Kenneth Carmichael.



Joint Secretariat, "Inuvialuit Settlement Region", accessed December 30, 2016, <http://jointsecretariat.ca/resources/inuvialuit-settlement-region/>.



ISR Private Lands. Image provided by Cathy Cockney, ICRC

DLN Goal & Objectives

Our Goal:

The objective of the Digital Library North (DLN) project is to create a digital library infrastructure to address the information needs in the Inuvialuit Settlement Region (ISR).

Our Objectives:

- Identify information needs & information seeking behaviour
- Develop a culturally appropriate metadata framework
- Create a digital library
- Design multilingual user interfaces
- Evaluate the digital library
- Develop a sustainability strategy

What is Environmental Scanning?

The case of DLN and the
scanning model

Environmental Scanning...

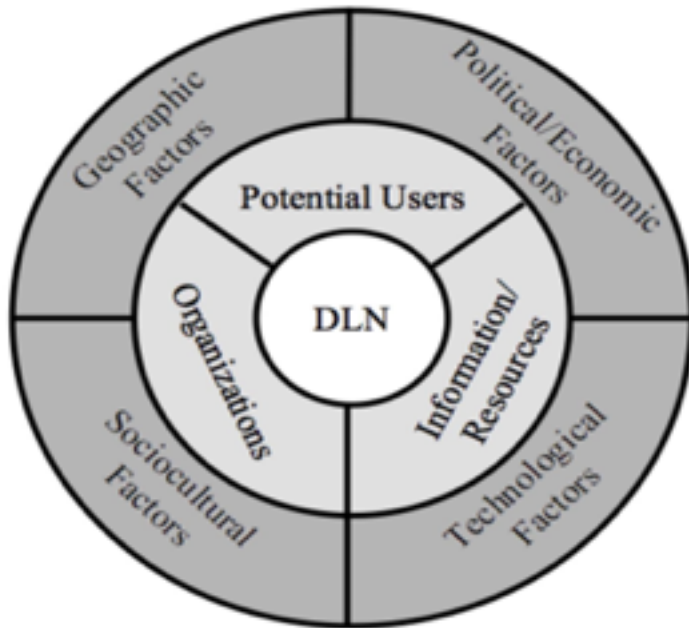
As a competitive tool:

- Environmental scanning is a method of becoming aware of factors external to an organization that can affect the organization and its operations (Abels 2002, 16; Albright 2004, 40; Choo 1998, 72).
- The results of environmental scanning are used for decision-making and strategic planning.

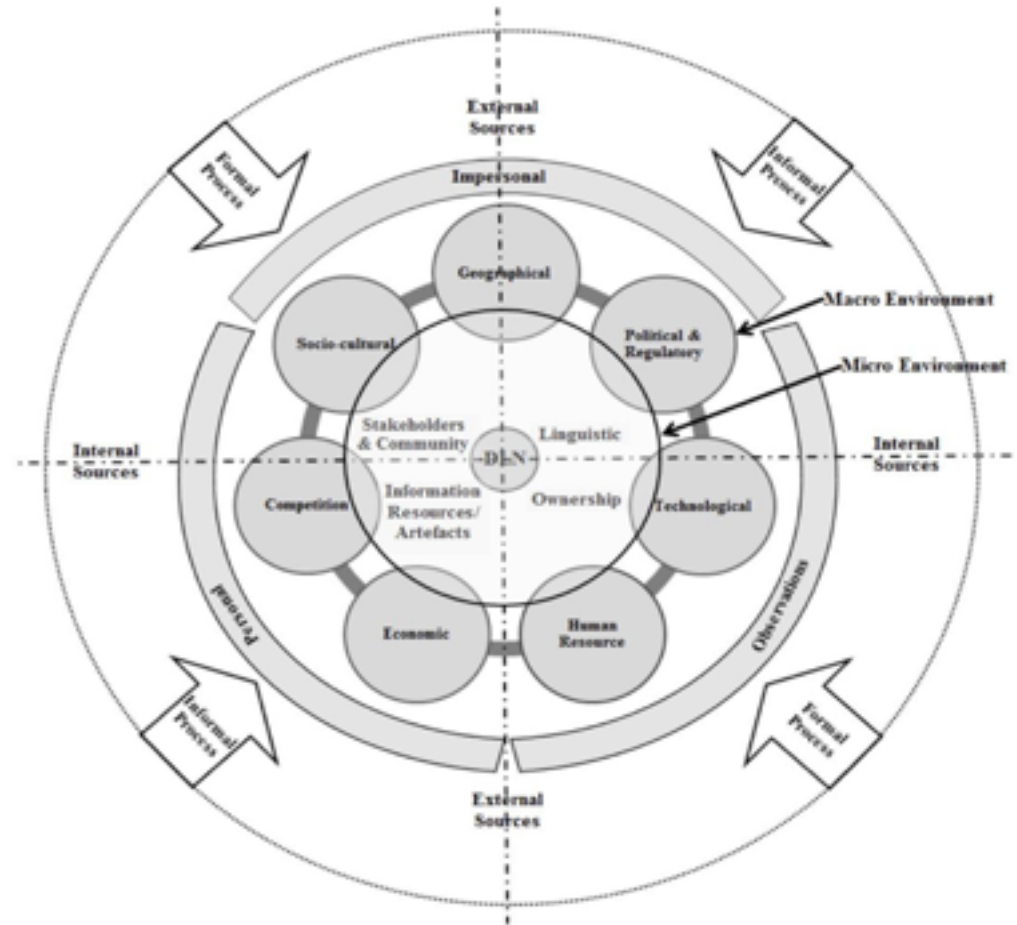
As a research method:

- Environmental scanning can be used as a research method for examining the existing context of the phenomena under study (e.g. Duff, Johnson and Cherry 2013).
- It is an important initial step we used to identify key users, communities, stakeholders and information providers.

The DLN Model

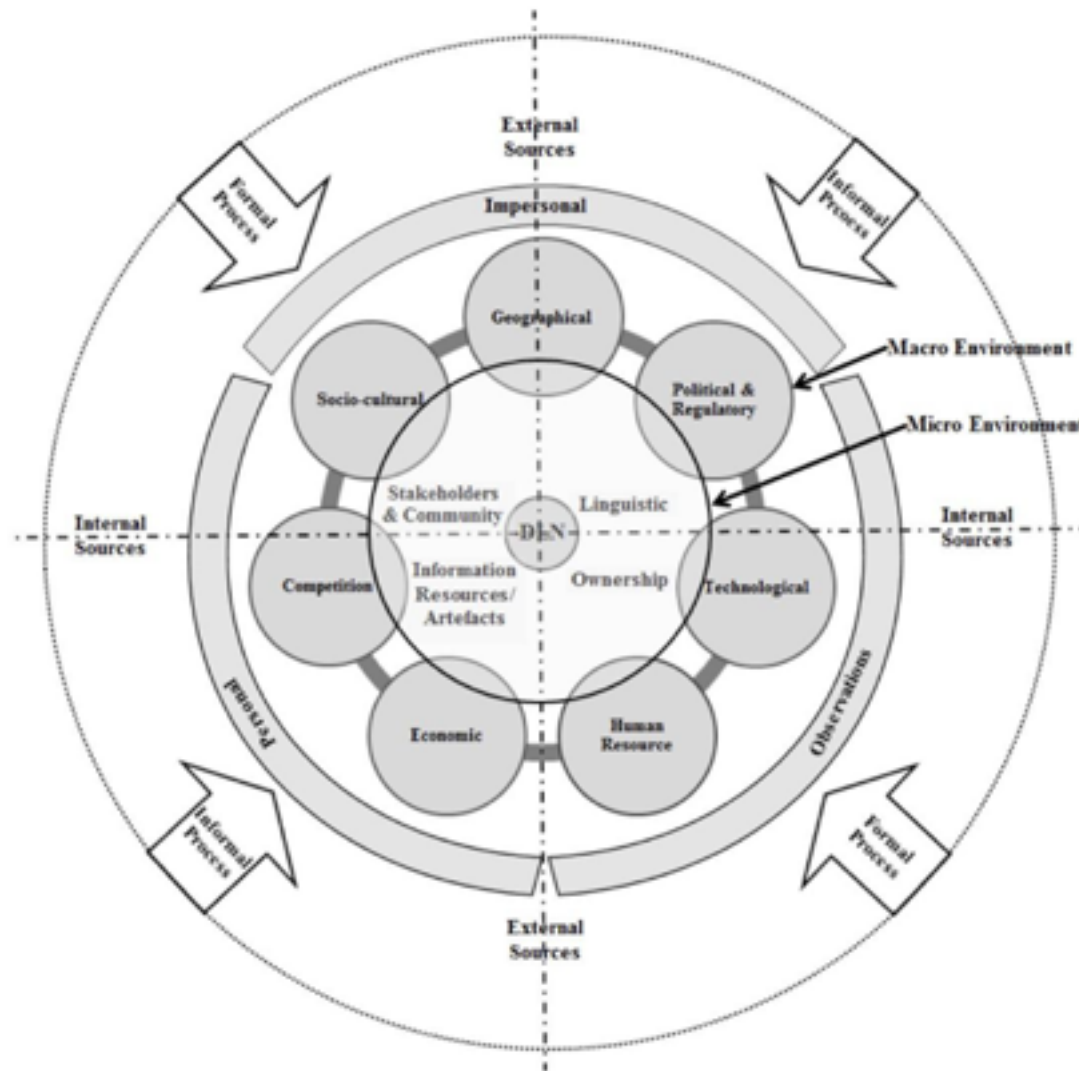


Early DLN Environmental Scanning Model. Presented at CAIS 2015.



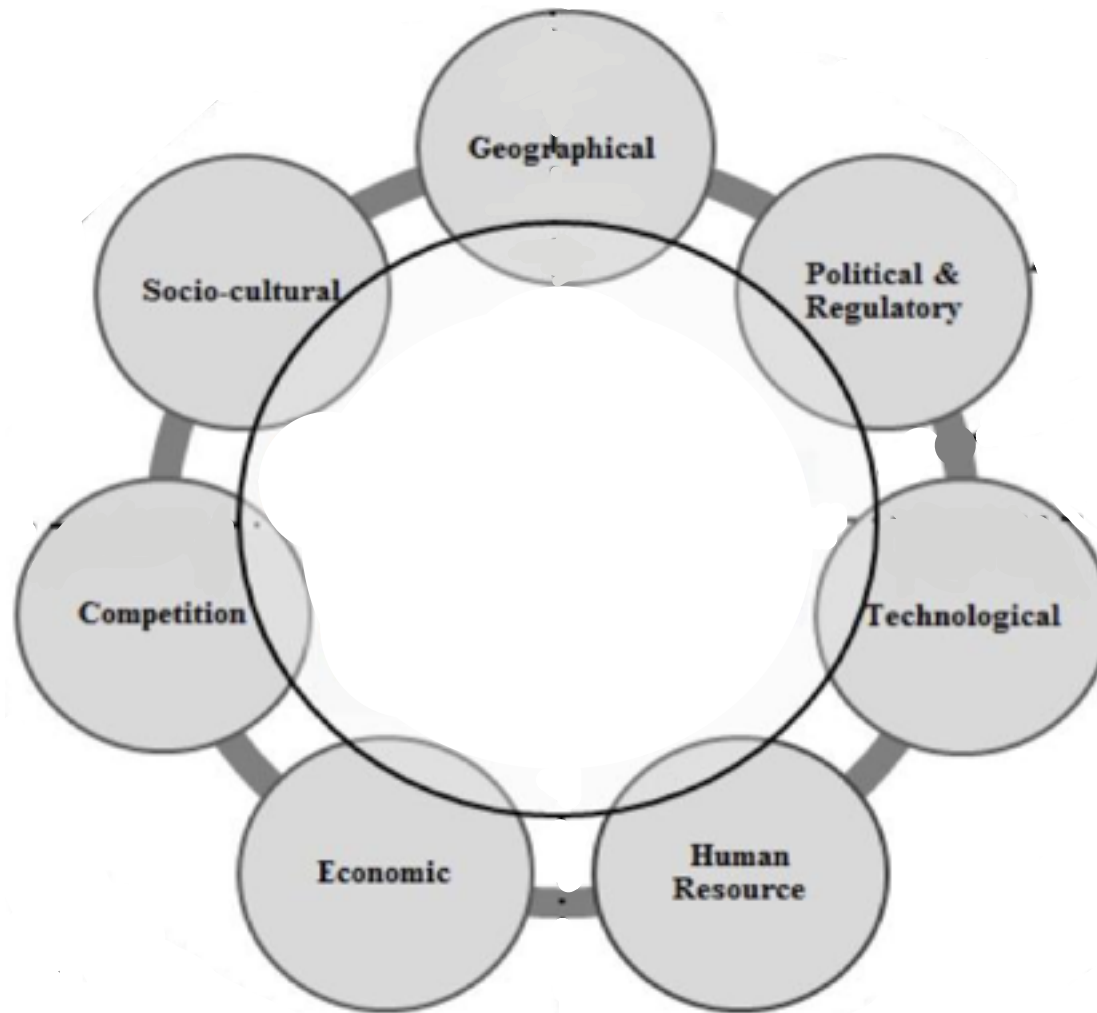
“Emerging environmental scanning model for the DL infrastructure in Canada’s North” in (Rathi, Shiri, & Cockney, 2017, p. 81).

The DLN Model



“Emerging environmental scanning model for the DL infrastructure in Canada’s North” in (Rathi, Shiri, & Cockney, 2017, p. 81).

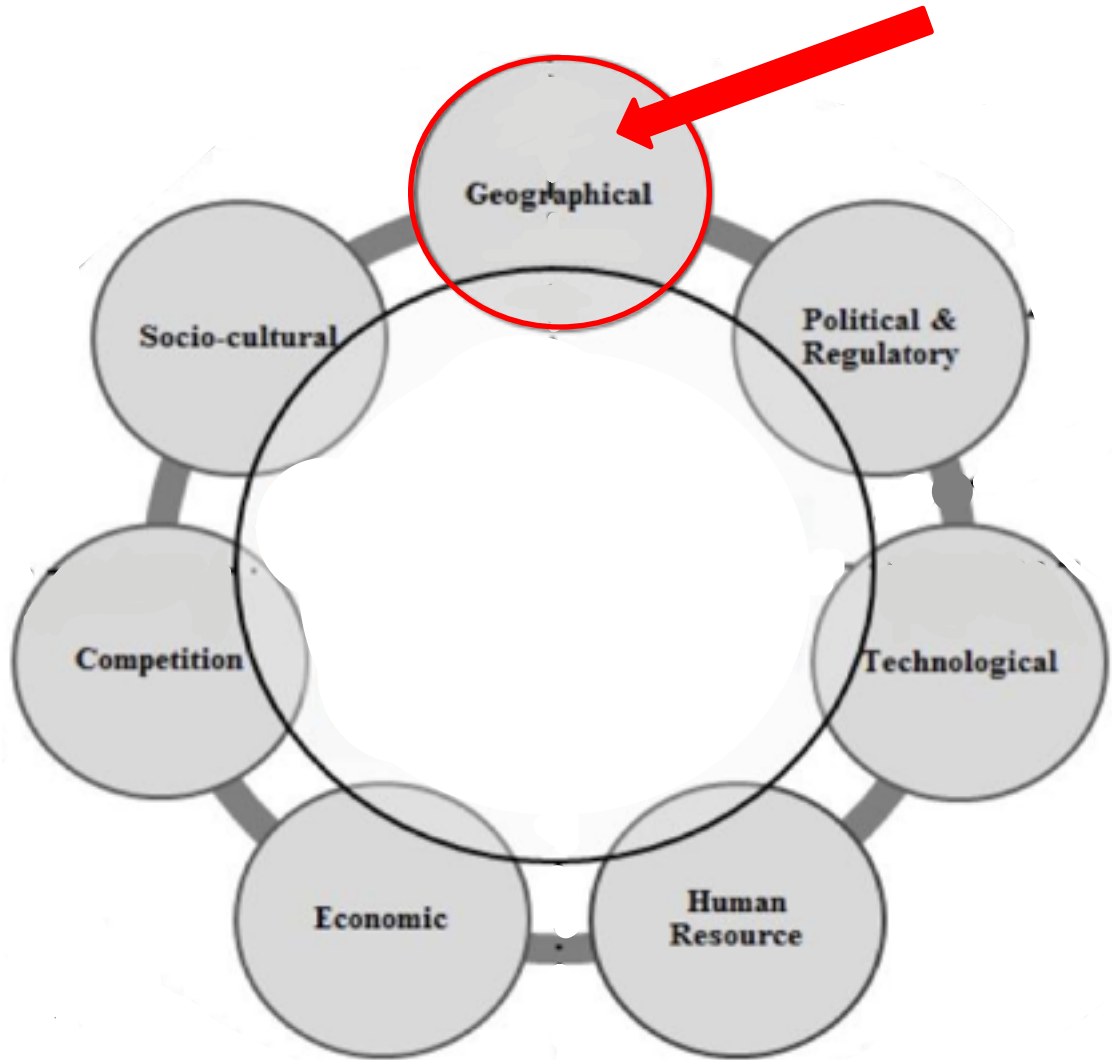
Macroenvironment



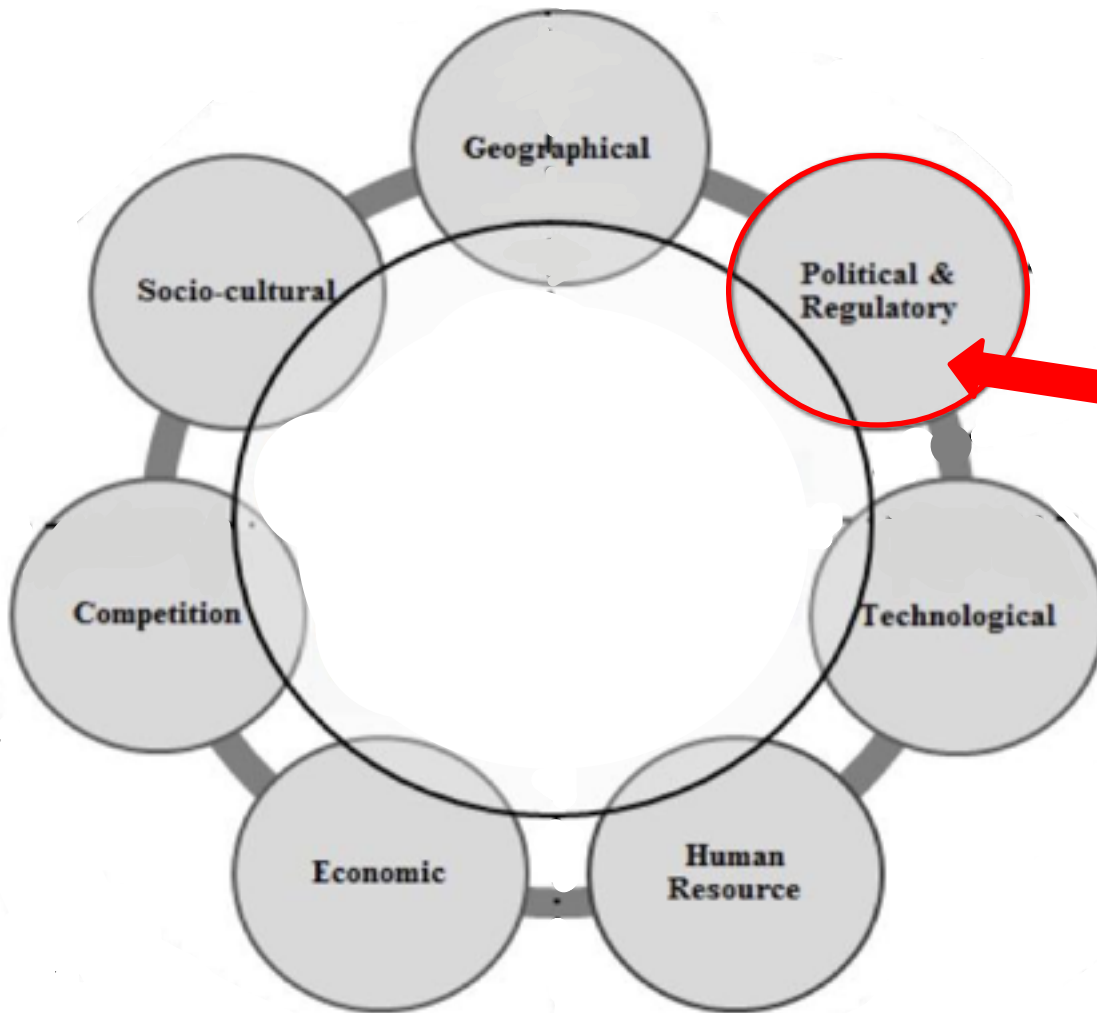
Macroenvironment



Northern Landscape, May 2016.
Photograph taken by Robyn Stobbs.



Macroenvironment



Inuvialuit Regional Corporation. October 2014. Photograph taken by Robyn Stobbs.

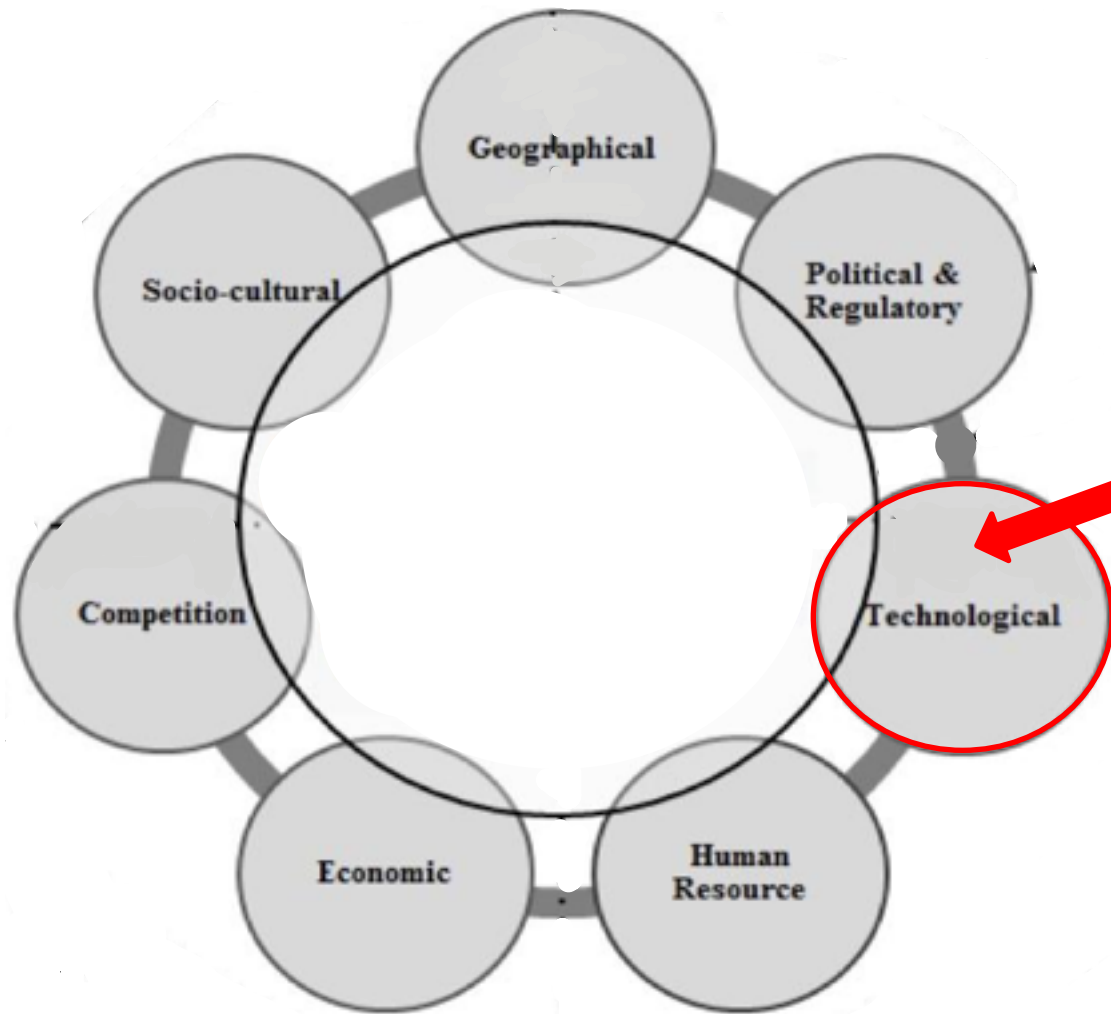


Inuvialuit Cultural Resource Centre, October 2014. Photograph taken by Robyn Stobbs.

Macroenvironment



ICRC Computers, October 2014.
Photograph taken by Robyn Stobbs.



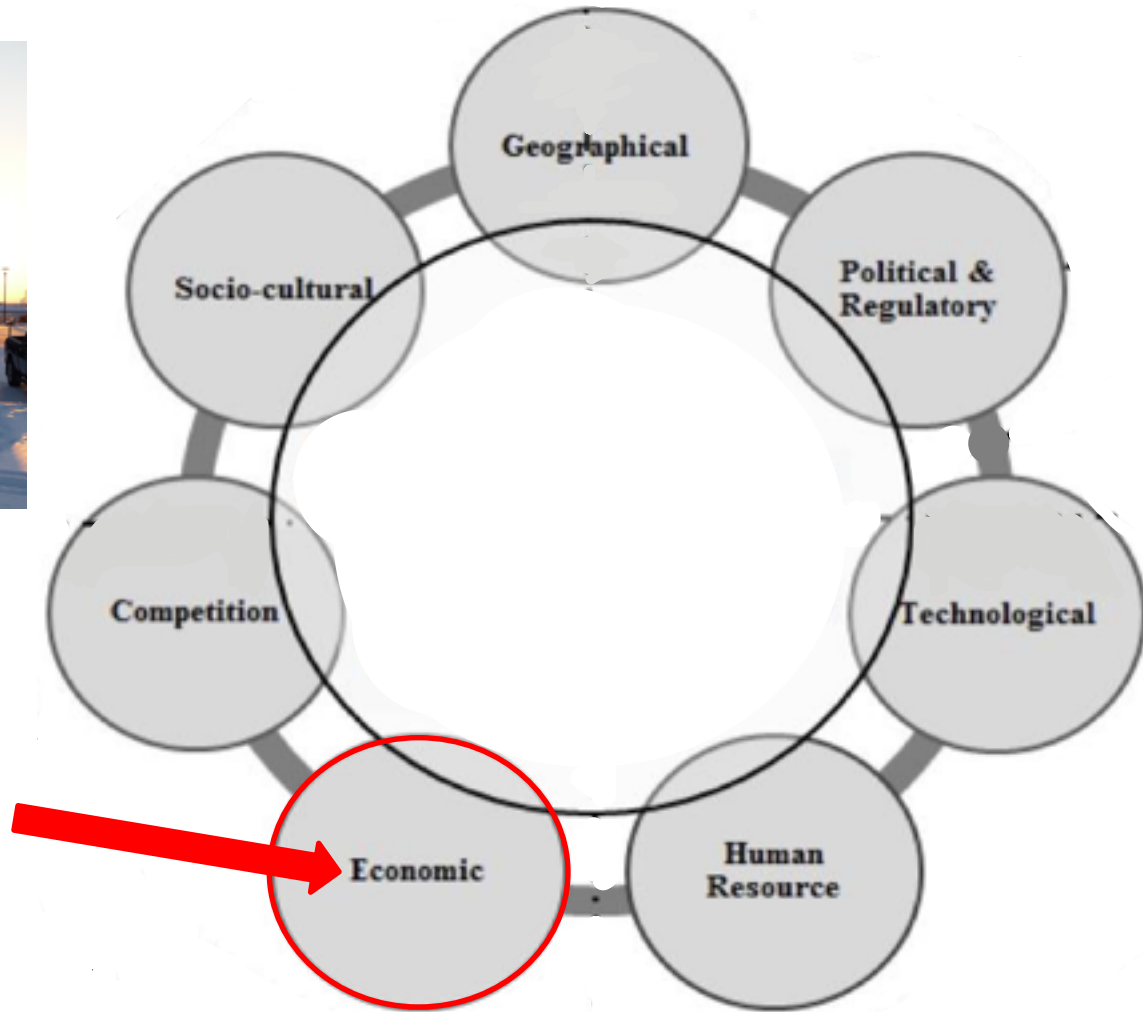
Macroenvironment



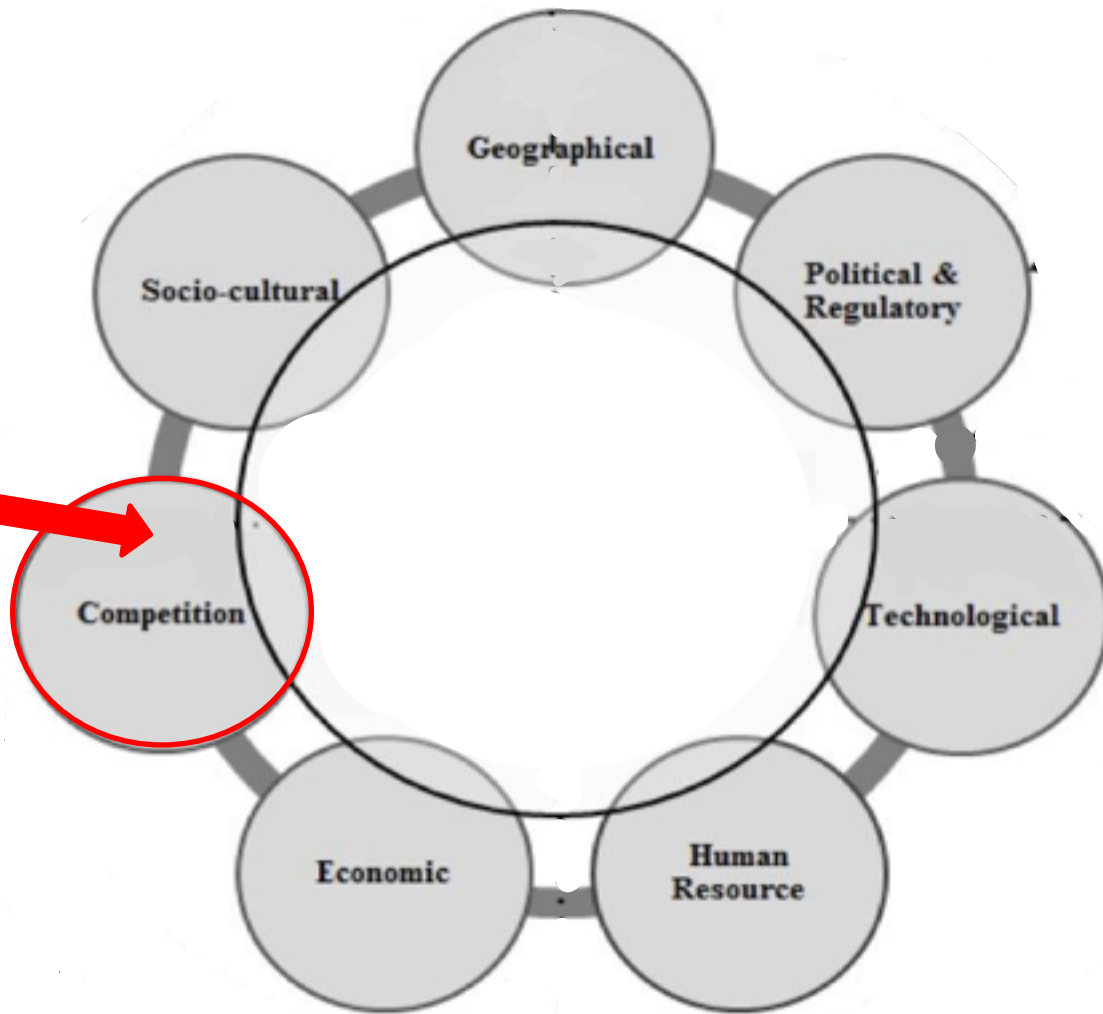
Macroenvironment



Aurora College, Inuvik, October 2014.
Photograph taken by Robyn Stobbs.



Macroenvironment



Aurora Research Institute, October 2014.
Photograph taken by Robyn Stobbs.

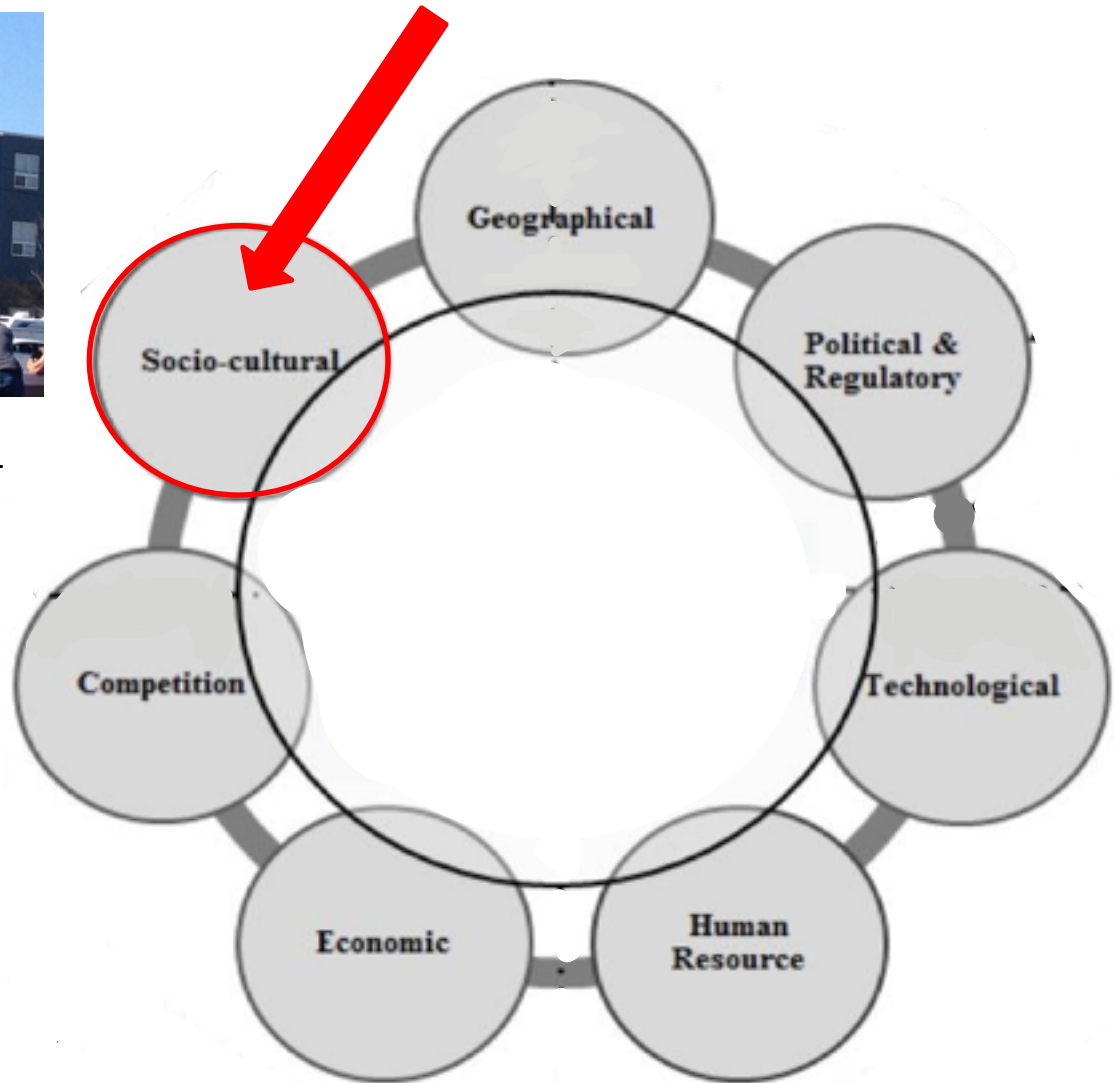
Macroenvironment



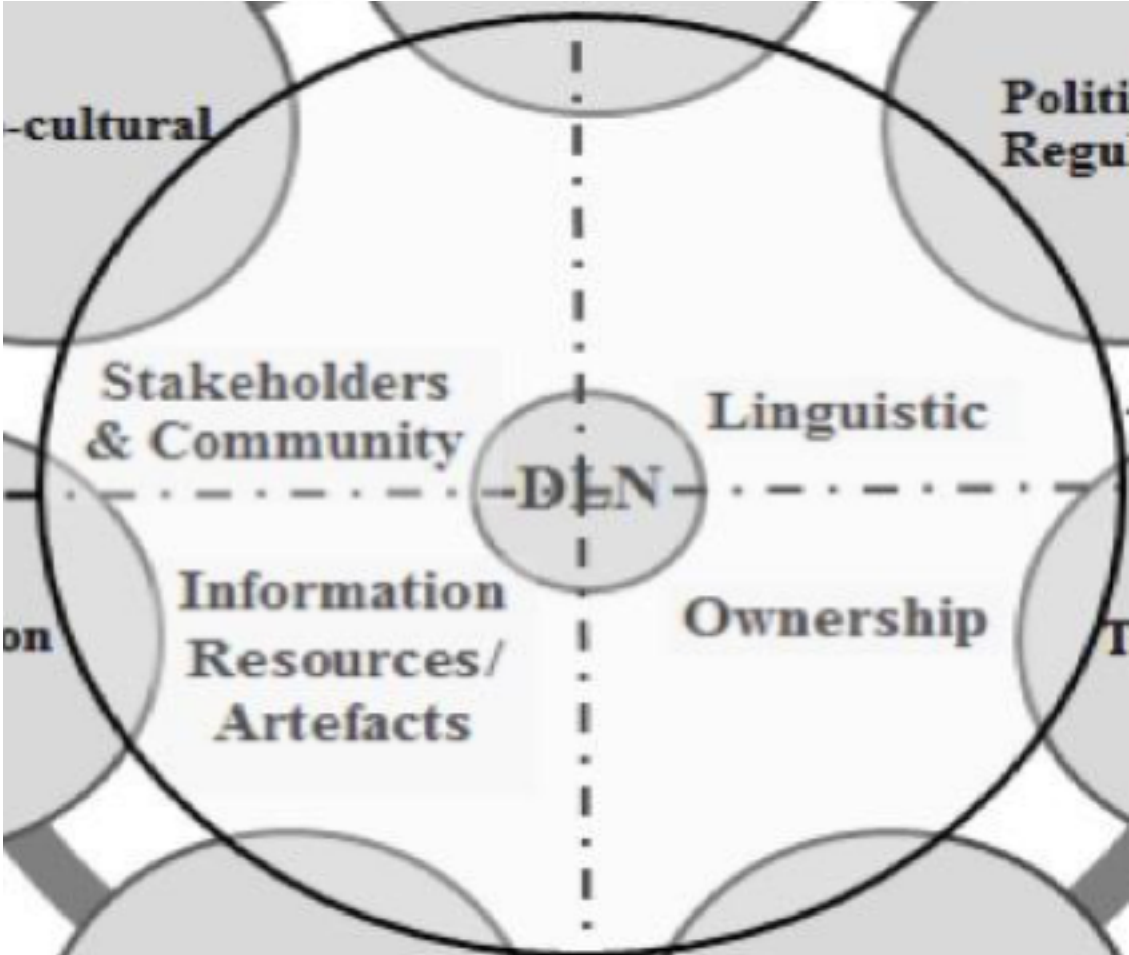
Inuvik Drummers and Dancers, June 21, 2015. Photograph taken by Robyn Stobbs.



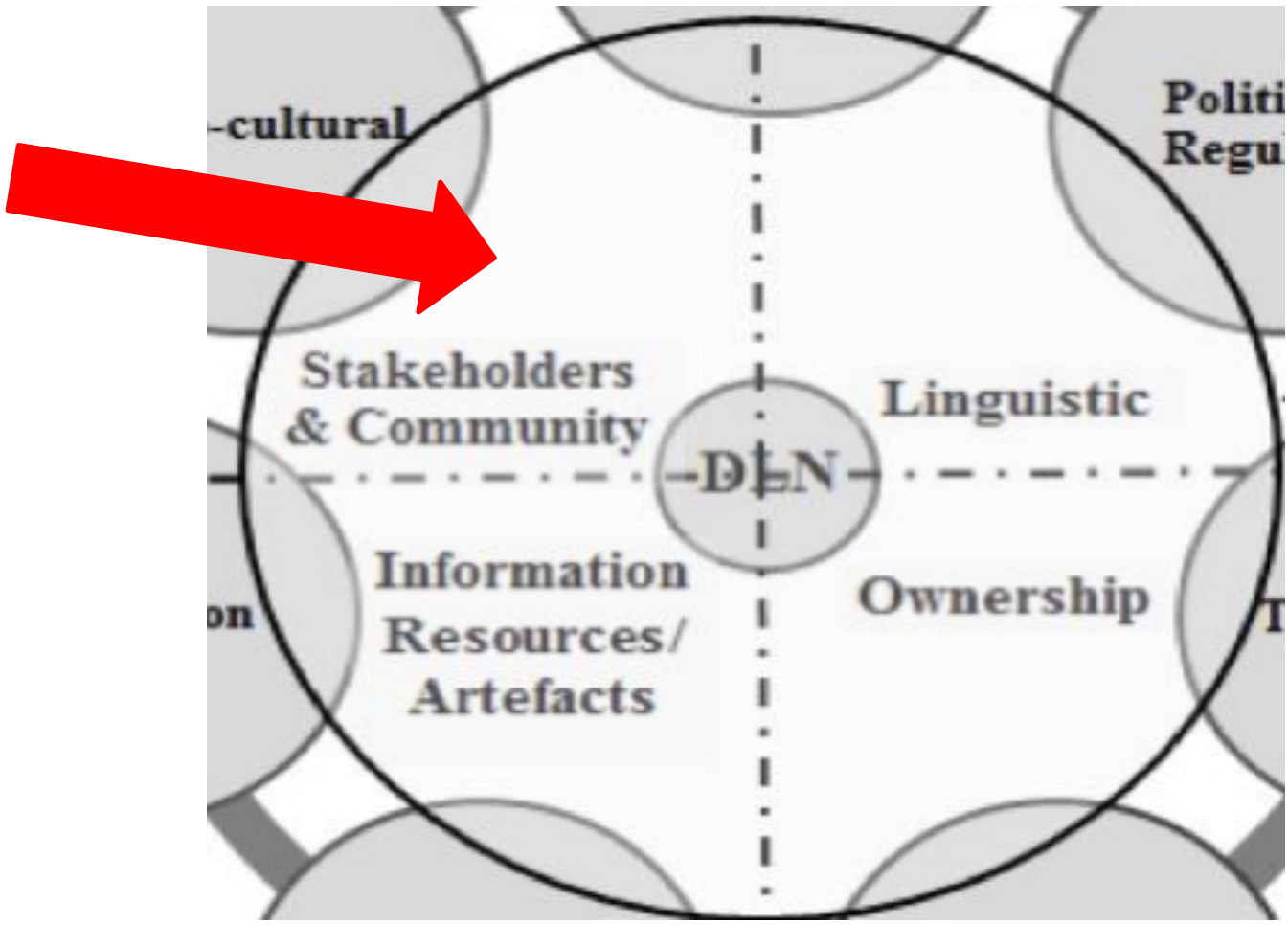
Muktuk Display, ICRC. 2015. Photograph taken by Robyn Stobbs.



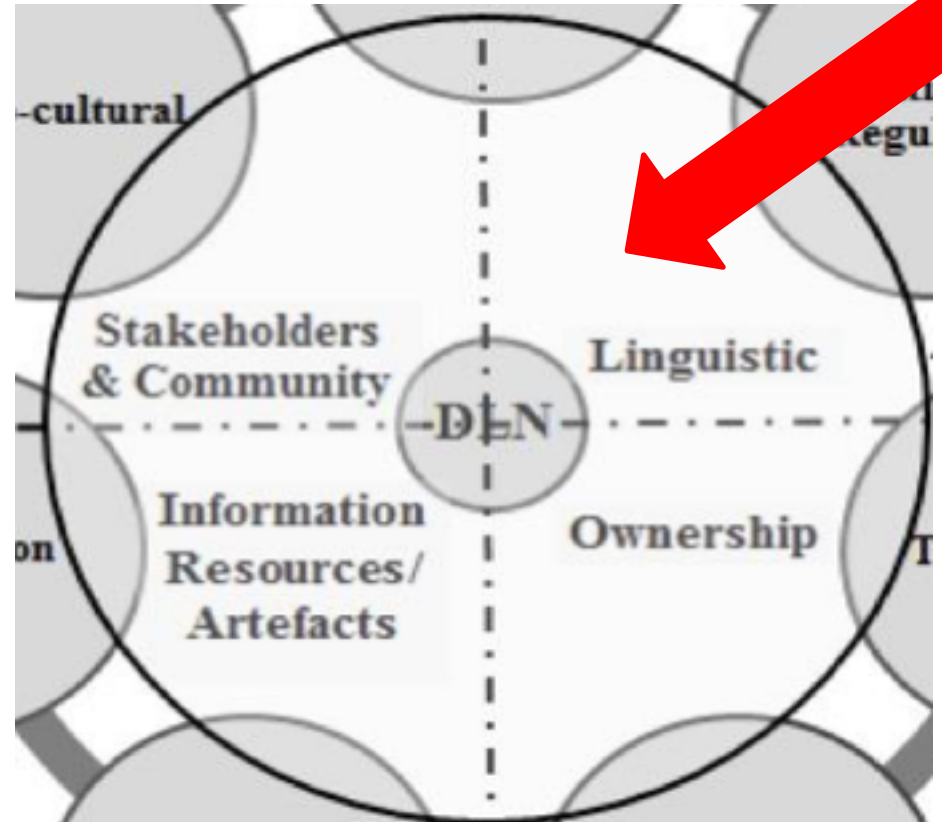
Microenvironment



Microenvironment

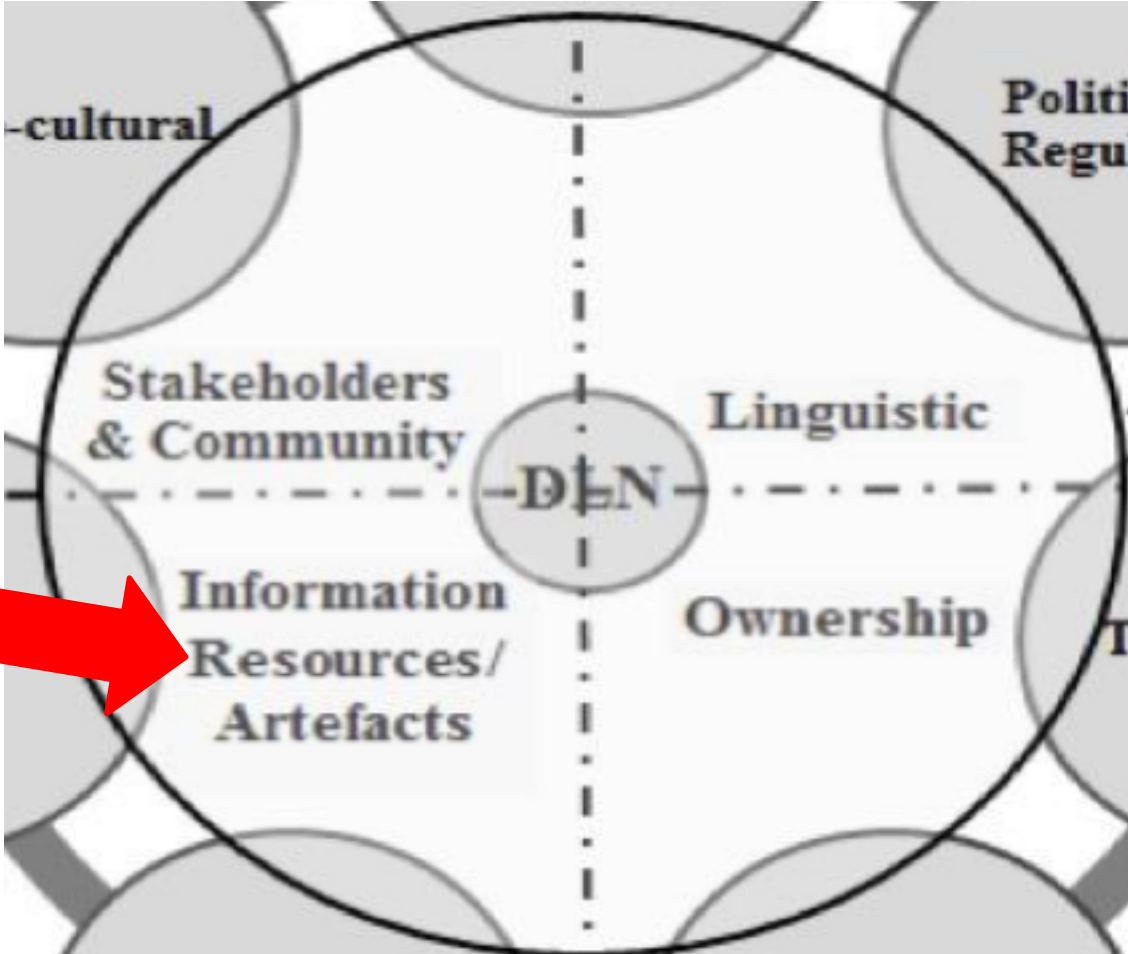


Microenvironment



ICRC Resources.
Photograph taken by Robyn Stobbs.

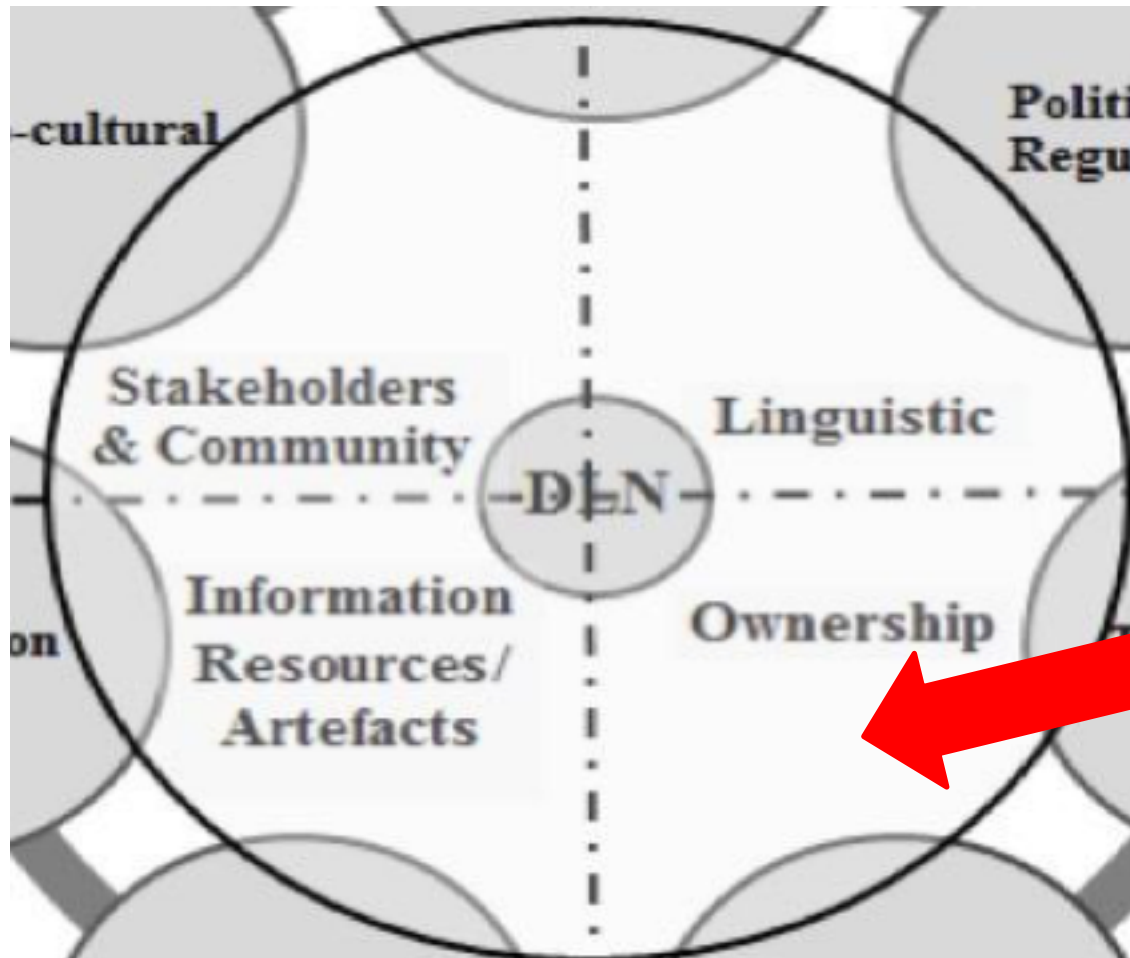
Microenvironment



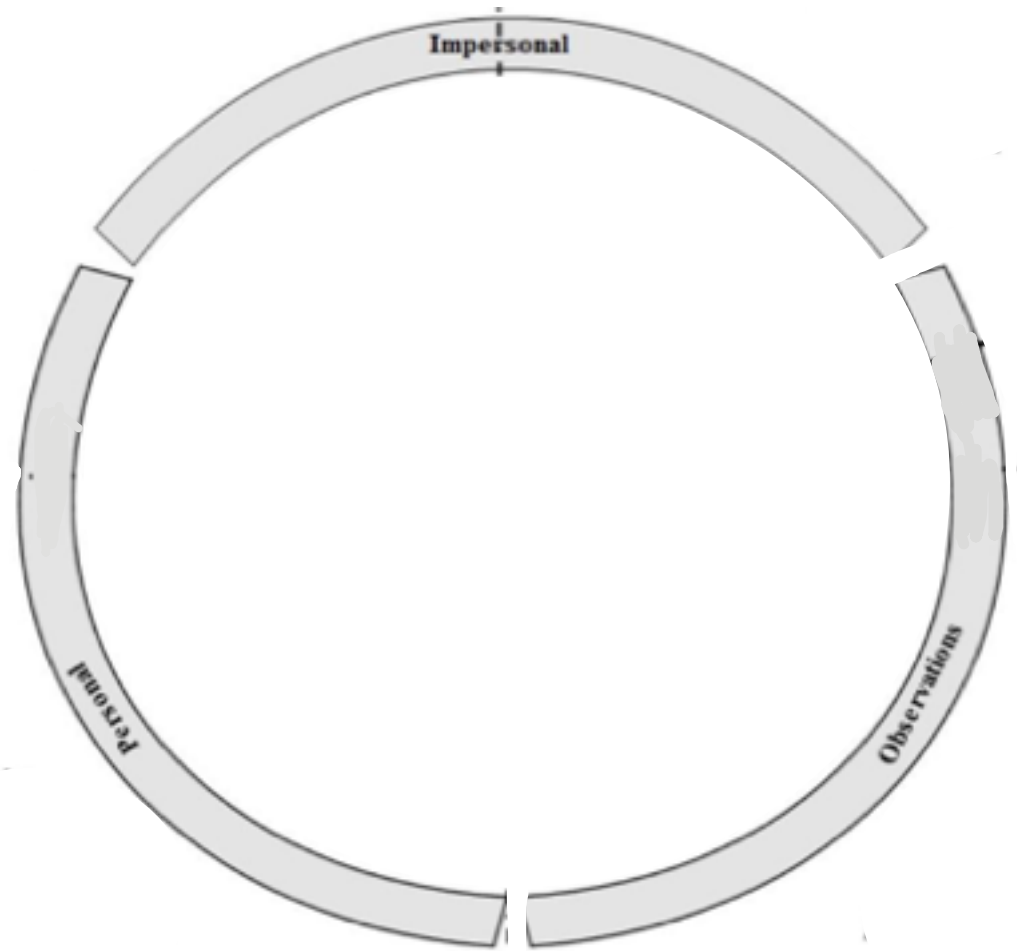
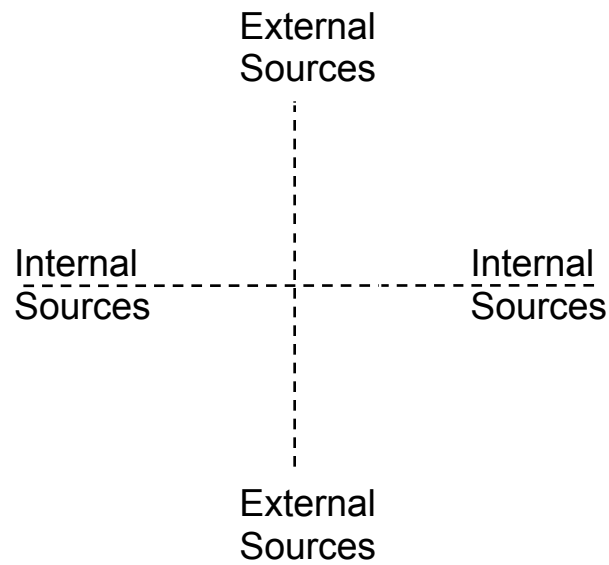
ICRC Resources.
Photographs taken by Robyn Stobbs.



Microenvironment



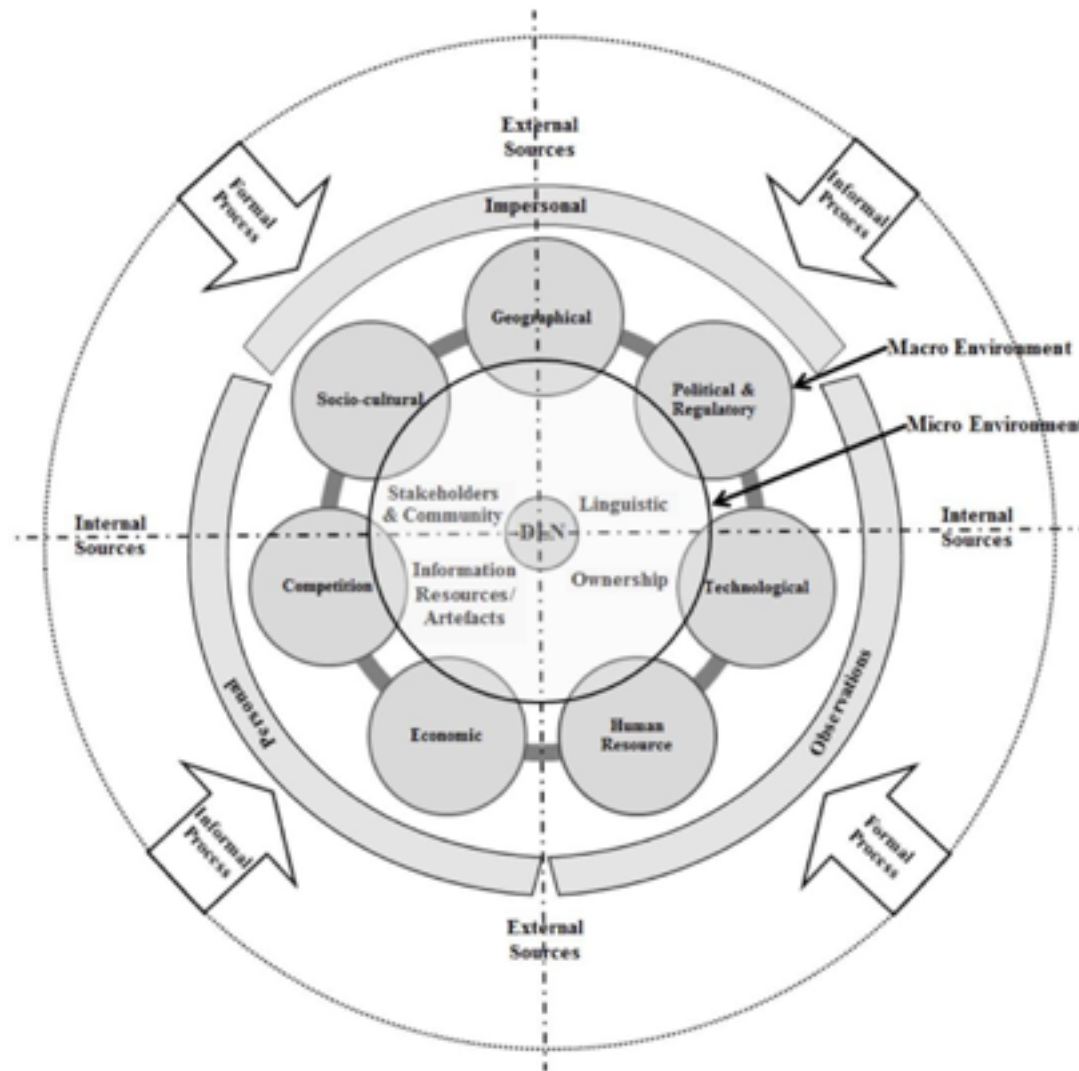
Sources of Information



Sources of Information

External Personal Sources	External Impersonal Sources
<ul style="list-style-type: none"> Students Librarians and library workers Teachers Government officials General public Health care professionals Community Corporation Members Regional Board Members Hunters and Trappers Corporation Members Trips 	<ul style="list-style-type: none"> Government publications Databases Digital libraries Websites Funding agencies and sources Inuvialuit Regional Corporation and its subsidiaries Trips
Internal Personal Sources	Internal Impersonal Sources
<ul style="list-style-type: none"> ICRC staff ICRC library users Trips 	<ul style="list-style-type: none"> ICRC library In-house documents Physical and digital materials Internal reports and studies Trips

The DLN Model



“Emerging environmental scanning model for the DL infrastructure in Canada’s North” in (Rathi, Shiri, & Cockney, 2017, p. 81).

Data Collection Methods

Information
Audits

Interviews

Observation

Surveys

Open Houses

User Testing

Demonstration
Tables

Inventories
and Sampling

Information Needs and Information Seeking Behaviours

Through initial rounds of data collection we asked for people's opinions and how they access cultural heritage information. This information was used to frame the project and tied into environmental scanning.

- The internet is a common source of cultural and local history information
- People use both search engines and specific local organizations' websites to find cultural and local history information (e.g., Prince of Whales Northern Heritage Centre)
- There is strong interest in photographs, family and oral histories, and language learning materials.

Project Prototype

The Outcome to Date





Inuvialuit Cultural Resource Centre

- Home
- About
- Browse by Collection
- Browse by Type
- Browse Exhibits
- Contribute an Item
- Map
- Contact Us

LOG IN

[Go to Home Page](#) | [Lost your password?](#)

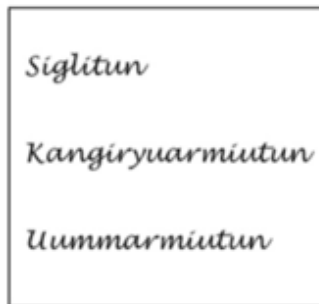
Username

Password

Remember Me?

Inuvialuktun Language Resources

Inuvialuktun language resources.



Audio Collections

Collections of oral stories and family histories.



Video Collections

Collections of traditional games and stories.



Text Collections

Books for adults and children produced by ICRC to preserve and promote the Inuvialuktun language.



Image Collections

Collections of photographs of people, places and events in the Inuvialuit Settlement Region.





Creator

Hunt, David E., 1925-

Date

1968-1969

Description

Photograph of Holman in winter

Subject

[Digital images](#)

[Winter--Northwest Territories--Holman](#)

[City & town life--Northwest Territories--Holman](#)

Spatial Coverage

[Canada, Northwest Territories, Holman](#)

[Canada, Northwest Territories, Ulukhaktok](#)

Title

Siglitun Basic Language Lessons, Lesson 45
Location

Language

Inuvialuktun

English

Type

Audio

Creator

Inuvialuit Cultural Resource Centre (ICRC)

Contributor

Gruben, Helen (speaker, Siglitun)

Amos, Beverly (translator, Siglitun)

Glowach, Sue (speaker, English)

Identifier

45 (Track)

Date

2002

Date Modified

2009-03 (Revised)

Description

Basic language lesson on location.

Spatial Coverage

Canada, Northwest Territories, Inuvik

Source

Siglitun Basic Language Lessons (Booklet)

Subject

Instructional materials

Inuit languages

Is Part Of

Siglitun Basic Language Lessons

Dialect

Siglitun

SIGLITUN BASIC LANGUAGE LESSONS, LESSON 53 PLANTS: NAUSUUYUAT

00:00 | 02:14

Page: 1 of 2 Automatic Zoom

Plant s: Nausuuyuat

Lesson 53

What is this?

Suna una?

This is a tree.

Una napaaqtuq.

This is grass.

Ukuat ivgit.

This is a tree bough.

Una napaaqtum qisiqtuutaa.

What do you see growing?

Sunik nauyuannik takuvit?

I see roots growing.

Masut naumayuut takuyatka.

I see Arctic sorrels growing.

Qungillit naumayuut takuyatka.

I see flowers growing.

Nautahiat naumayuut takuyatka.

Title

Sigitun Basic Language Lessons, Lesson 53
Plants: Nausuuyuat

Creator

[Inuvialuit Cultural Resource Centre \(ICRC\)](#)

Date

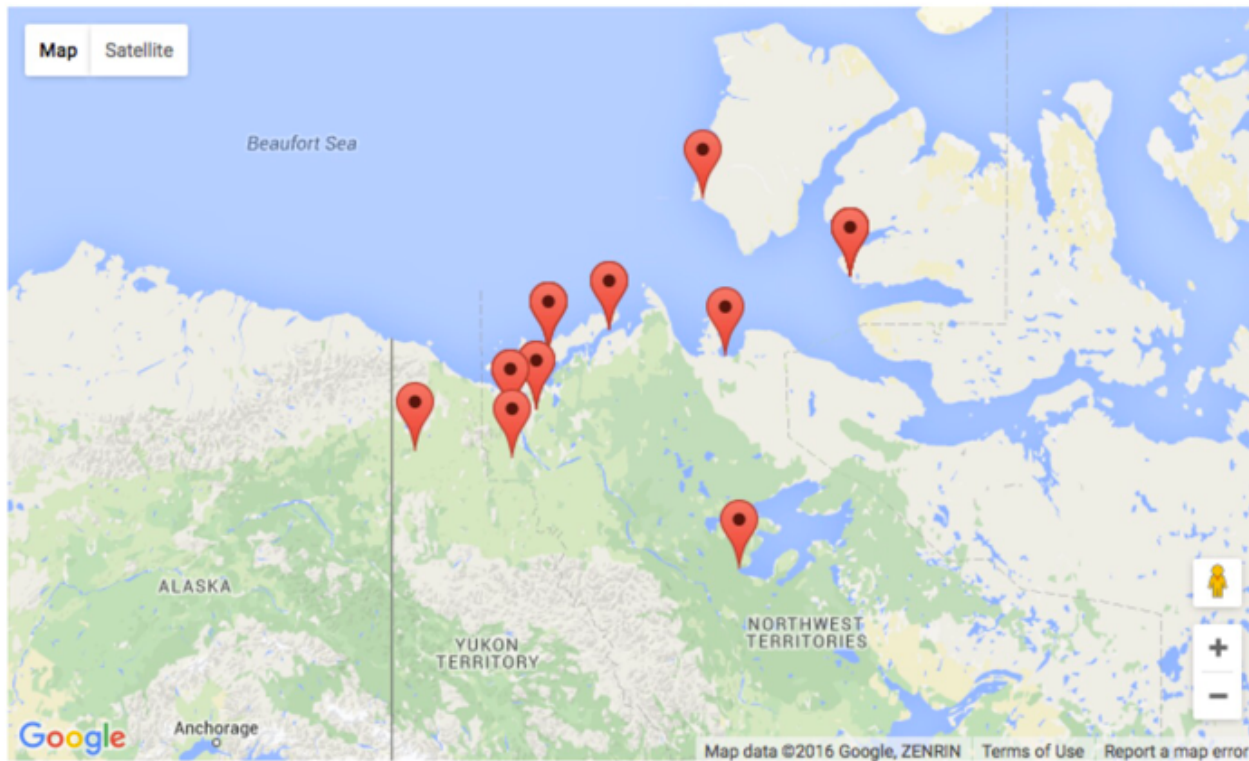
2002

Description

Basic language lesson on plants.

Subject

[Instructional materials](#)



Find An Item on the Map

31 Alec Banksland Ulukhaktok

35 Sam Oliktoak Ulukhaktok

65 Alexandria Elias Inuvik

67 Alexandria Elias Inuvik

68 Sam Dick Aklavik

69 Albert Oliver Aklavik

70 Persis Gruben Tuk

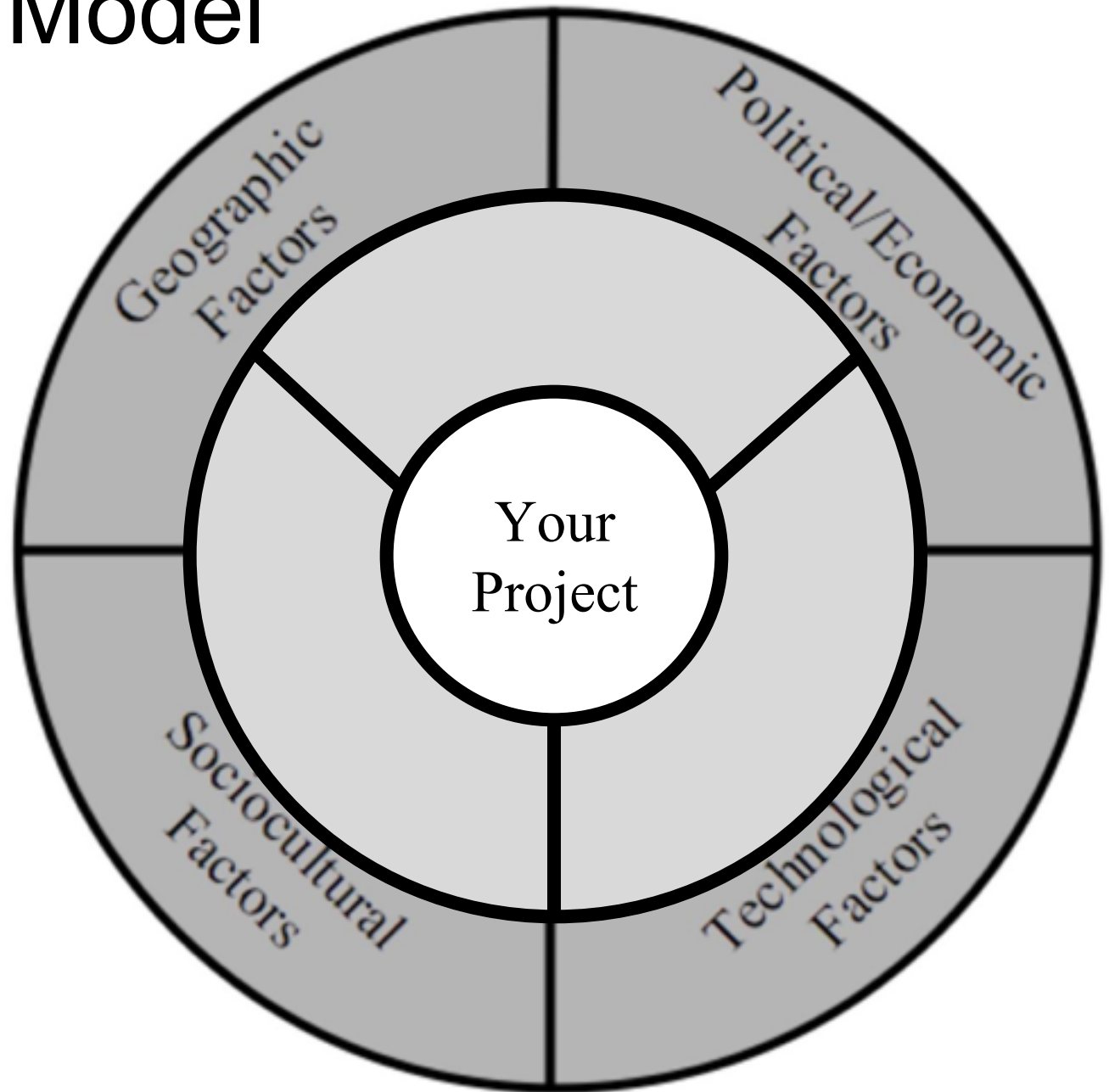
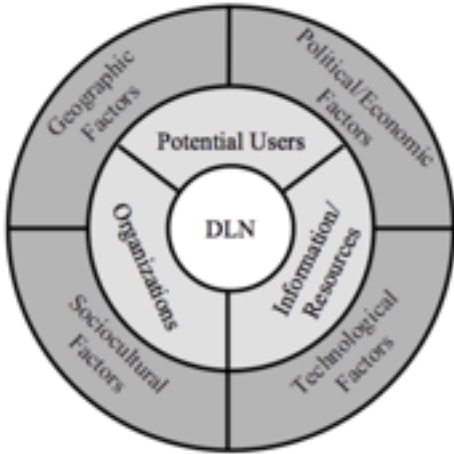
71 Persis Gruben Tuk

From Specific to General?

Or, how can your library use environmental scanning?

- Principles and Applications

A Starting Model



Acknowledgements

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Research Council of Canada.



Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
sciences humaines du Canada

Canada

Thank-you!



Website: <https://sites.ualberta.ca/~dlN/>

Project email: dlN@ualberta.ca

My email: stobbs@ualberta.ca

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