

University of the Arctic Digital Library: Update 2012

By Sandy Campbell
John W. Scott Health Sciences Library
University of Alberta, Edmonton, Alberta, Canada

Abstract

The University of the Arctic Digital Library project is an ongoing project in which PLC takes an interest. Some Digital Library functions are now operational at a level, integrated into the Arctic Virtual Learning Tools environment. This session will report on the 2011 meeting in Tornio/Kemi and Rovaniemi, Finland and review the developments to date and the future expectations for the library. A proposal has been developed for the June 2012 Council Meeting to establish a lead institution that would be responsible for the Digital Library. Developments in the University of the Arctic, itself, will also be discussed.

Background

The University of the Arctic (UArctic) is a virtual university which began in 2001 and currently has more than 120 members from around the Arctic region. Many members of the Polar Libraries Colloquy work in post-secondary institutions that are members of the University of the Arctic. PLC joined the UArctic in 2005 and has continued since that time to work in an advisory capacity with UArctic on information issues, most notably the development of a Digital Library. The Digital Library project was first discussed at the 2006 Colloquy in Rome (Campbell & Snellman, 2008) and explored further with representatives of the UArctic instructors during the joint PLC/UArctic meeting in Edmonton in 2008 (Dana, 2010). The ongoing work on the project has been reported in the Polar Libraries Bulletin (Campbell, 2007; Campbell, 2009a; Campbell, 2009b) and at the last PLC meeting (Campbell, 2011).

University of the Arctic Council Meeting 2011 – Kemi/Tornio and Rovaniemi, Finland

In June 2011, I represented PLC at the 10th Anniversary UArctic Council Meeting which took place initially at Tornio/Kemi, Finland and then moved to Rovaniemi, Finland. The UArctic Digital Library has been developed as a facet of the Arctic Virtual Learning Tools (VLT) environment developed by the UArctic VLT team with funding from The Council of Nordic Ministers. In Tornio, I attended the VLT team meeting, where we discussed some of the technical details of how the Digital Library would work within the VLT. The VLT, including the library, is housed on the Arctic Portal servers at the University of Akureyri in northern Iceland. In addition to supplying a search interface, Arctic Portal also supplies a digital repository service.

At the subsequent Council Meeting at Rovaniemi, it became apparent that further discussions about a Digital Library at the Council level would be inappropriate without a

UArctic member university volunteering to take the lead in developing the library. Because there was no lead institution in place at the time, there was no break-out session for the discussion of the Digital Library. Leena-Kaisa Viitanen (Arctic Portal) included the Digital Library in her presentation to the Council about the accomplishments of the VLT project.

Subsequent Discussions and Developments

Since the Council Meeting, the VLT group has met numerous times through Skype to continue to work on defining what an institutional lead for the Digital Library might be asked to undertake. The goal of this work was to place a call for volunteers before the 2012 Council Meeting, to find member institution that would take the lead on the Digital Library project. Members of the VLT team have made a further presentation on the project, including the Digital Library at the IPY Conference in Montreal in April, 2012.

In the interim two events impacted the progress and direction of our work on the Digital Library. First, the Canadian government severely reduced its funding to UArctic (Foreign Affairs and International Trade Canada, 2011), preferring to direct that funding to the three “northern colleges”. This precluded any Canadian university member from seeking funding to undertake leadership on the project.


Second, on a more positive note, PLC members will have been aware of the launch by The University of Tromsø (UTromsø) Library of the High North Research Documents service (University of Tromsø Library, 2012). Following the launch in January, 2011, discussions took place between UArctic and UTromsø about how UArctic might make use of this service. While High North is primarily a metadata harvester, UTromsø Library expressed an interest in integrating High North with the UArctic Digital Library. A small pilot project is now underway in which UTromsø Library is testing the adding of content and metadata to the digital library and repository housed by the Arctic Portal. The test will serve to document processes and determine costs.

The 2012 UArctic Council Meeting is was held at UTromsø, (simultaneously with the 2012 PLC meeting). More study needs to be done to determine whether or not UTromsø Library would be able to take the lead on the UArctic Digital Library. UTromsø Library received permission to seek funding a UArctic-specific fund at UTromsø to support an ongoing project. If UTromsø Library is able to take on the lead role for the Digital Library, a proposal to that effect would be put before the UArctic Council at its 2013 meeting, for approval by the membership.

Any plan for a member university to take the lead with the Digital Library would include an advisory board, which would include librarians from member institutions and a PLC representative.

The UArctic Digital Library

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SOCIAL SCIENCE BUSINESS LAW

Understanding Earth's Polar Challenges: IPY 2007-2008

The IPY Joint Committee has now released an IPY 2007-2008 summary report, which captures the context, motivations, initiations, planning, implementation and outcomes of the IPY 2007-2008. For further information, please [CLICK HERE](#)



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COURSE NEWS

- ★ JFusion Activity Module
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CAREER DEVELOPMENT TOOLS

- ★ Polar Vacancies
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- ★ Mentors
- ★ Workshops
- ★ Field Schools

WEATHER

VIRTUAL CLASSROOM

The Virtual Learning Tools project will be offering a series of online courses through its [Virtual Classroom](#). The Virtual Classroom is a purely online based distance learning environment designed with the special requirements of northern rural residents in mind, facilitating higher education in and about the Arctic by allowing interactive participation to University of the Arctic courses through the internet.

A pilot course was run between January 10 - April 10, 2011, called **Adaptation to Globalisation in**


NEWS

UArctic News


- Canadian Minister speaks in favour of UArctic in opening speech of IPY Montreal
- UArctic panel on Indigenous Knowledge Paradigms presents at IPY 2012 in Montreal
- UArctic speakers presenting session on Indigenous Knowledge at IPY2012
- Northern Studies Virtual Conference 2012
- Call for applications for Nordic Master Programme

INTERACTIVE DATA MAP

View full map



UArctic Library



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Welcome to UArctic Library

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Options

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Archives

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Latest Additions

View items added to the repository in the past week.

Search Repository

Search the repository using a full range of fields. Use the search field at the top of the page for a quick search.

Browse Repository

Browse the items in the repository by subject.

About this Repository

More information about this site.

Repository Policies

Policy for use of material in this repository.

UArctic Library supports [OAI 2.0](#) with a base URL of <http://librazy.vlt.is/cgi/oa12>



Advanced Search

Don't panic! Just leave the fields you don't want to search blank. [Click here for a simple search.](#)

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Full Text: all of ?

Title: all of ?

Authors: all of ?

Abstract: all of ?

Date: ?

Uncontrolled Keywords: all of ?

Subjects: Photo Website Any of these ?

Item Type:

<input type="checkbox"/> Article	<input type="checkbox"/> Performance
<input type="checkbox"/> Book Section	<input type="checkbox"/> ["eprint_type_name_project" not defined]
<input type="checkbox"/> Monograph	<input type="checkbox"/> Image
<input type="checkbox"/> Conference or Workshop Item	<input type="checkbox"/> Video
<input type="checkbox"/> Book	<input type="checkbox"/> Audio
<input type="checkbox"/> Thesis	<input type="checkbox"/> Dataset
<input type="checkbox"/> Patent	<input type="checkbox"/> Experiment
<input type="checkbox"/> Artefact	<input type="checkbox"/> Teaching Resource
<input type="checkbox"/> Show/Exhibition	<input type="checkbox"/> Website
<input type="checkbox"/> Composition	<input type="checkbox"/> Other

Department: all of ?

Department: all of ?

Editors: all of ?

Status:

Published

In Press

Submitted

Unpublished

Refereed: No Preference ?

Journal or Publication Title: all of ?

Format:

<input type="checkbox"/> HTML	<input type="checkbox"/> Video (WMV)
<input type="checkbox"/> PDF	<input type="checkbox"/> Video (MP4)
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<input type="checkbox"/> Rich Text (RTF)	<input type="checkbox"/> Video (AVCHD)
<input type="checkbox"/> Microsoft PowerPoint	<input type="checkbox"/> XML
<input type="checkbox"/> Microsoft Excel	<input type="checkbox"/> N3
<input type="checkbox"/> Microsoft Word	<input type="checkbox"/> RDF/XML
<input type="checkbox"/> Image (JPEG)	<input type="checkbox"/> Archive (BZ2)
<input type="checkbox"/> Image (PNG)	<input type="checkbox"/> Archive (TGZ)
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Retrieved records must fulfill: all of these conditions ?

Order the results: by year (most recent first) ?


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BCS 100 Module 7: Climate Change

Boone, Richard D. (2011) *BCS 100 Module 7: Climate Change*. [Teaching Resource]

 PDF (BCS 100 module 7, part 1, 2011)
[Download \(5Kb\)](#) | [Preview](#)

 PDF (BCS 100 Module 7, Part 2, 2011)
[Download \(2999Kb\)](#) | [Preview](#)

Abstract

This module will give students an overview of the factors that cause climate change, the short-term and longer-term records for global and Arctic air temperature, and forecasted temperatures for the next century. As well, some of the observed and predicted biophysical impacts of climate change are discussed.

Item Type: Teaching Resource

Related URLs:

Uncontrolled Keywords: BCS, 100, module 7, climate, change

Subjects: [Website](#)

Divisions: UNSPECIFIED

Date Deposited: 04 Nov 2011 10:36

URI: <http://library.uaf.edu/eprint/45>

Actions (login required)

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BCS 100: Introduction to the Circumpolar North
University of the Arctic

MODULE 7 Climate Change (Part 1)

Developed by
Richard D. Boone
Department of Biology & Wildlife and Institute of Arctic Biology
University of Alaska Fairbanks

Overview

This module will give students an overview of the factors that cause climate change, the short-term and longer-term records for global and Arctic air temperature, and forecasted temperatures for the next century. As well, some of the observed and predicted biophysical impacts of climate change are discussed.

Learning Objectives & Outcomes

Upon completion of this module you should be able to:

1. Differentiate between weather and climate.
2. Describe the major causes of climate change.
3. Compare the general patterns of Arctic and global temperatures during the 20th century with those in the more distant past.
4. Identify the sources and limitations of temperature and precipitation data.
5. Project the biophysical and societal impacts of climate change.

Required Readings

Gregoire, L. 2008. "Cold Warriors," *Canadian Geographic*, October 2008, pp. 34-50.

Module Appendix A: Sources for High Quality Information on Climate Change / How to Evaluate the Quality of Climate Change Information.

Key Terms and Concepts

- Aerosols
- Albedo
- Climate
- Earth's orbital cycles
- Energy balance
- Feedback loops
- Greenhouse gases
- Proxy data
- Radiative forcing factor
- Reflectivity

1

References

- Campbell, S. (2007). University of the Arctic Council Meeting Report, *Polar Libraries Bulletin*, 59(Fall), 7-8.
- Campbell, S. (2009a). Report from the University of the Arctic Council Meeting, Kiruna, Sweden August 11-14, 2009 *Polar Libraries Bulletin*, (63), 2-4.
- Campbell, S. (2009b). UArctic Digital Library project update. *Polar Libraries Bulletin*, (62), 6.
- Campbell, S. (2011). University of the Arctic Digital Library: Progress and Update. *Cool Libraries in a Melting World : Proceedings of the 23rd Polar Libraries Colloquy 2010*, Bremerhaven, Germany. 125.
- Campbell, S., & Snellman, O. (2008). UArctic Librarians Open Forum. *Building Polar Networks, a Strategy for the Future/ 21st Polar Libraries Colloquy*, Rome, Italy. 64-65.
- Dana, K. O. (2010). Virtual UArctic Library: proposal on behalf of UArctic Teachers. *Currents of Change: The Future of Polar Information/22nd Polar Libraries Colloquy Proceedings*, Edmonton, Alberta, Canada. 131-132.
- Foreign Affairs and International Trade Canada. (2011). *Summative Evaluation of the Northern Dimension of Canada's Foreign Policy*. Retrieved April/26, 2012, from <http://tiny.cc/b03ddw>
- University of Tromsø Library. (2012). *High North Research Documents*. Retrieved April/26, 2012, from <http://highnorth.uit.no/>

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