

Logistics and Administration

Quarterly Report



Trevor Lantz and his research group near Yaya Lakes, NT.

Prepared by: Bessie Rogers, Western Arctic Research Centre

Date: 1 January to 31 March, 2014

Logistics at the Western Arctic Research Centre

The Western Arctic Research Centre (WARC) provides a wide range of support to researchers on a year-round basis. Support is also provided to the communities surrounding Inuvik, businesses, and educational institutions.

WARC provides housing to researchers at a low cost. Each house includes a full kitchen, bath, laundry services, a living room and six beds. Other features include basic cable television, wireless internet, and a front deck with a barbeque. Rates include daily, weekly and monthly fees, which vary depending on user category (students, Canadian users, and non-Canadian users).

We have a large selection of equipment that is also provided year-round. Big items include, but are not limited to, boats, snow machines, and toboggans. Smaller items include, but are not limited to, tents, augers, and frost depth probes. Our facility provides a great space for research. We have a shared research office space with up to 10 individual desk spaces. We have three labs, which include a Clean Lab, a Dirty Lab and a Wet Lab. We have a classroom, which is used quite often. And lastly, we have two meeting spaces: a large conference room and a smaller meeting room.

WARC supports many user groups throughout the year. Our facility provides a variety of resources to all researchers and groups working in the western Canadian arctic, and in the communities surrounding Inuvik. We provide in-kind support to groups and individuals on a regular basis as a way to give back and provide support for their work.

User Days of Support

Below is a graph that records our standings and number of user days for equipment rental, accommodations, facility use, and technician support (which included requests for assistance from our technicians, as well as any other staff; **Figure 1**). For equipment, the total number of user days from January 1 to March 31, 2014 was 49. For technician support, the total number of user days was 3.5. For WARC facility use, the total number of user days was 34. For accommodations from January 1 to March 31, 2014, the total number of user days was 42.

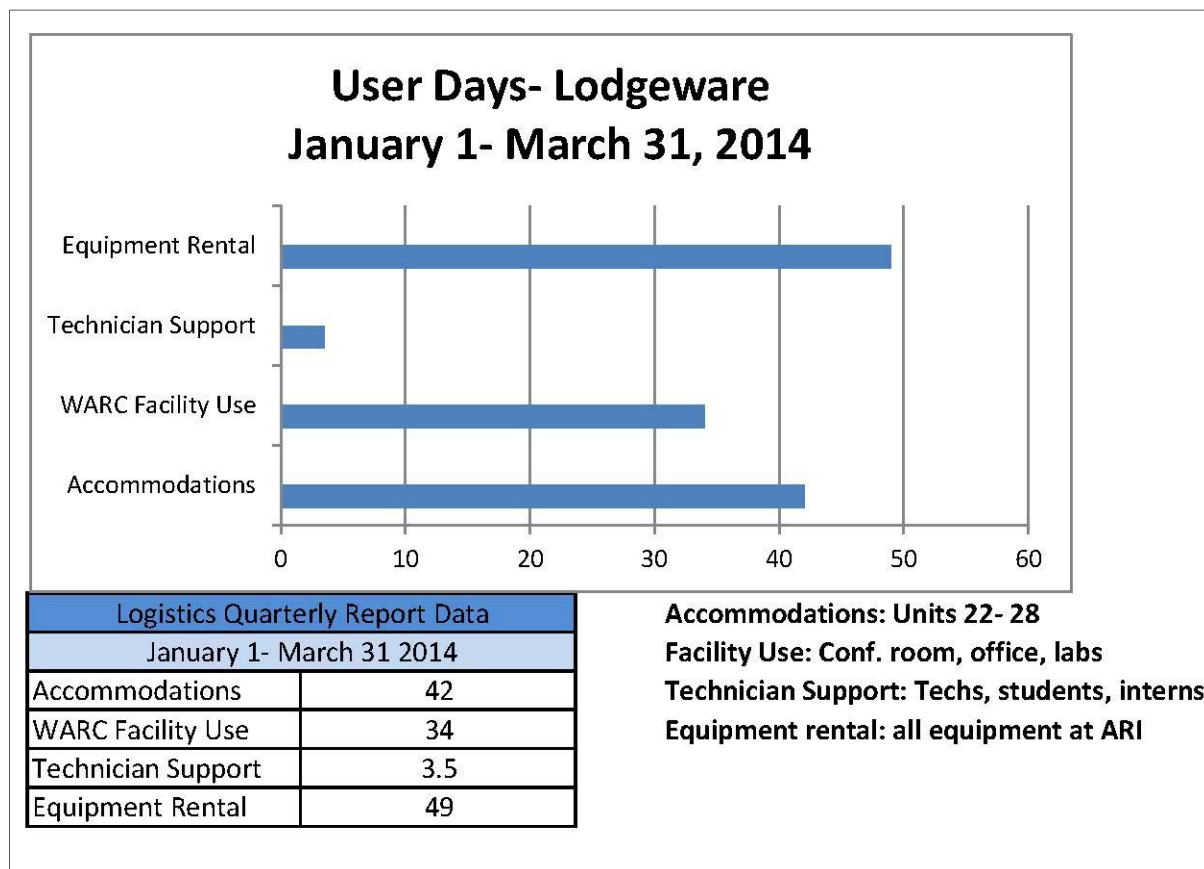


Figure 1: The number of user days for equipment rental, accommodations, facility use, and technician support from January 1 to March 31, 2014.

Activities of Note

General Logistics Support

Usually, the months of January to March are quite slow in regards to support for researchers and user groups. This year, however, we got approximately 20 requests for logistics support, most of which were accommodations requests (Figure 2). These included requests from the GNWT Department of Environment and Natural Resources, the Regional Management Board, and Yukon College.

Because we receive fewer requests for support during this quarter than during other times of year, this is a period that the WARC staff uses to prepare for the busy spring and summer months, by servicing equipment and getting the row houses up-to-par.

Research Presentations

Presentation by Dustin Whalen, Geological Survey of Canada

Don Forbes and Dustin Whalen from the Geological Survey of Canada held a public talk at the Aurora Research Institute. They discussed how river ice break-up and higher water levels in the Beaufort Delta Coastal Region affect the surrounding land, river bottom and us.

General Logistics Support		
January to March 2014		
Principal Researcher	Affiliation	ARI Support
Marney Hilash	GNAF	Conference room
Steve Kokelj	GNWT	Accommodations
Pertice Moffitt	North Slave-ARI	Accommodations
ENRTP	Aurora Campus	Equipment
Regional Mngt.		Conference room
Lawrence Keyte		Accommodations
Valarie Walker		Accommodations
Dustin Whalen	GSC	Accommodations
Parks Canada		Conference room
Nahum Robertson		Accommodations
Riley Proznik	Stantec	Accommodations
UNW		Conference room
Emily Cameron	UVIC	Accommodations
Ecology North		Conference room
Trevor Lantz	UVIC	Accomm., Conf. Room
Claire Marchildon	GNWT	Accommodations
Krista Chin	GNWT	Accommodations
GRRB		Conference room
Brendan O'Neill	Carleton U	Accommodations

Figure 2: Logistical support provided by WARC between April 1 and June 30, 2014.

Presentation by Chris Southcott, Lakehead University

Dr. Chris Southcott gave a talk about the Resources and Sustainable Development in the Arctic (ReSDA) Project on February 27th.

The ReSDA project brings together researchers and community representatives to conduct research aimed at the sustainable development of Arctic natural resources in a manner that will improve the health and well-being of northern communities, while preserving the region's unique environment. Dr. Southcott shared some of the research that has been done in the NWT and similar northern regions.



AURORA RESEARCH INSTITUTE
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RESEARCH AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC

Presentation by Chris Southcott
 Conference Room, Aurora Research Institute, Inuvik NT
 February 27th, 2014 at 4:00 PM

Resource Development and Sustainable Arctic Communities: The ReSDA Project

Abstract
 While Arctic northern resources have the potential to produce great wealth in the future, past experience has showed that these communities have benefited little from resource exploitation. There is some indication that the worst aspects of resource dependence can be countered through the introduction of new policies and models of development that increase local control and ensure a higher share of resource benefits are passed on to communities. A northern research network has been established to look at ways to ensure that a larger share of the benefits of resource developments stay in a region with fewer costs to communities. The Resources and Sustainable Development in the Arctic (ReSDA) project brings together researchers and community representatives to conduct research aimed at the sustainable development of Arctic natural resources in a manner that will improve the health and well-being of northern communities while preserving the region's unique environment. The network director, Chris Southcott will share some of the research that has been done in the NWT and similar northern regions. We invite you to learn about the research approaches that are being taken and welcome your comments and recommendations to help develop research that supports community needs and interests. More details about the ReSDA network at <http://yukonresearch.yukoncollege.yk.ca/restda/>

A Bit About Dr Chris Southcott



Chris Southcott is a professor of sociology at Lakehead University and Adjunct Professor at Yukon College. He has been involved in community-based research in the circumpolar north for over 26 years. During these years he has published over 100 scientific reports, books, book chapters, and articles dealing with social and economic change in Northern Canada and the rest of the circumpolar world. Over the past 12 years he has successfully led a number of major Canadian and international research initiatives dealing with social and economic development in northern regions. These include organizing international curriculum, international mobility, and research outreach for the University of the Arctic, and establishing the Social Economy Research Network for Northern Canada. Currently he is the Principal Investigator for a circumpolar project, Resources and Sustainable Development in the Arctic (ReSDA), with base funding from the Social Sciences and Humanities Research Council of Canada's Major Collaborative Research Initiatives program. Its mandate is to develop ways to ensure that a larger share of resource development benefits stay in the region with fewer negative impacts to communities.

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Presentation by Trevor Lantz, University of Victoria (Conoco Phillips Scientific Speaker Series)



AURORA RESEARCH INSTITUTE
A U R O R A C O L L E G E

Scientific Speaker Series:
Understanding Landscape Change in the Mackenzie Delta Region: The Importance of Local Partnerships

Presented by Trevor Lantz



Tuesday March 25, 2014 at 7 pm
Aurora Research Institute
Snacks and refreshments will be provided

Trevor Lantz is a terrestrial ecologist who works at a variety of scales to understand environmental change in northern ecosystems. Members of his research group combine detailed field investigations of vegetation and microenvironment with broad-scale change detection and spatial pattern analysis. Current research projects in the western Arctic focus on permafrost degradation, storm surges, shrub encroachment, catastrophic lake drainage, and anthropogenic disturbance. Trevor's presentation will describe ongoing research to track vegetation change and disturbance in the Mackenzie Delta Region. He will also highlight two community-based monitoring programs developed in partnership with Inuvialuit and Gwich'in organizations.

For inquiries, please contact Jolie Gareis at 777-3298 x 232  **ConocoPhillips**
Canada

Dr. Trevor Lantz gave a presentation entitled "Understanding Landscape Change in the Mackenzie Delta Region: The Importance of Local Partnerships". This talk was part of the Aurora Research Institute Scientific Speaker Series sponsored by Conoco Phillips.

Dr. Lantz has worked in the western Arctic for many years. His research addresses vegetation change, landscape disturbance, and climate change effects on the landscape; specifically, his presentation focused on the Mackenzie Delta region, and two community-based monitoring programs that were developed in partnership with local organizations.