



Outreach Tools and Techniques: The Yukon Permafrost Network

November 5, 2013

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Outreach Geologist
Yukon Geological Survey



Introduction



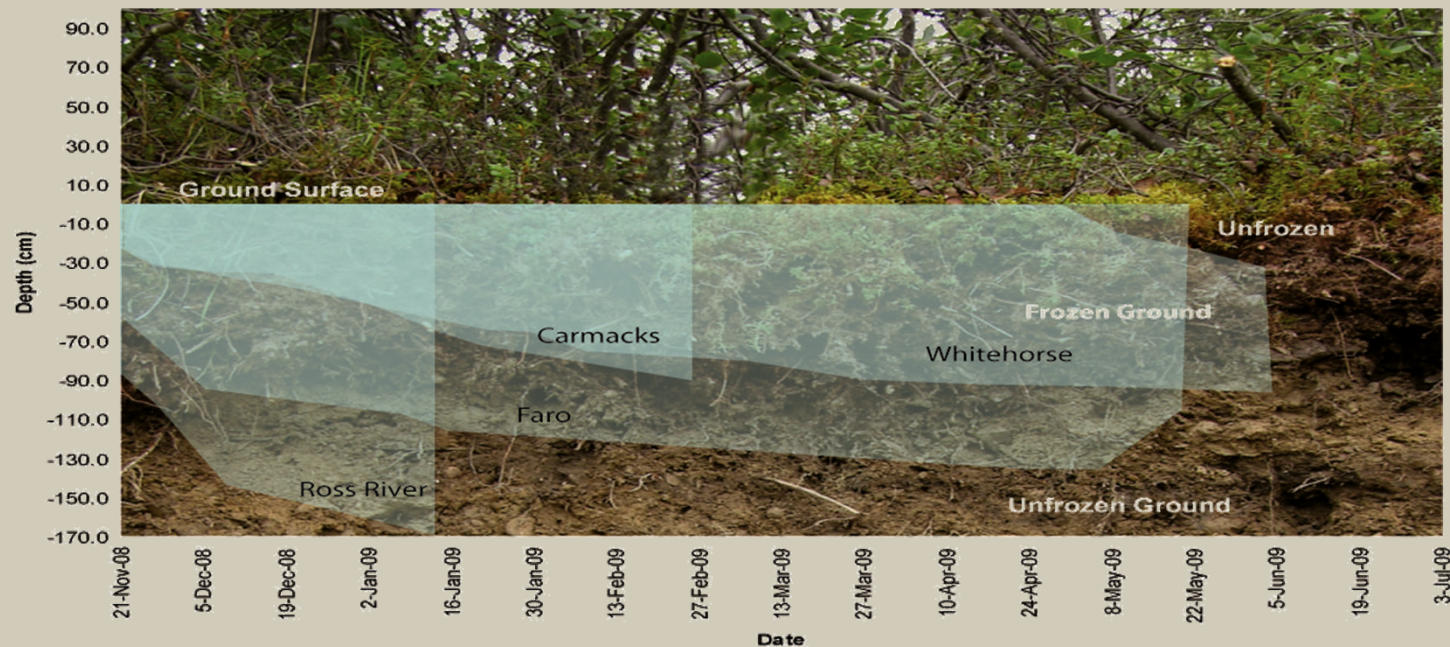
Network Components

- ❑ Permafrost data collection
- ❑ Connecting research with communities
- ❑ Community outreach
- ❑ Google Earth data dissemination



Data Collection

- Gathering data
- Hosting YGS data, linking to existing databases, and facilitating access to Yukon permafrost information
- Looking for new data contributors



Data contributors



Yukon College

Universities

Industry

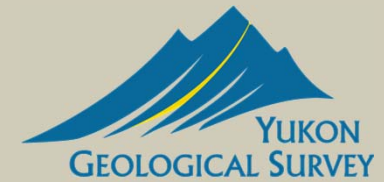
Government

Communities


Local knowledge



Yukon Permafrost Network




Yukon Permafrost Network x
← → ↻ permafrost.gov.yk.ca ☆




YUKON PERMAFROST NETWORK

- > HOME
- PERMAFROST 101
- MEMBERS
- DATA
- DISCUSSIONS
- CONTACT US

The Yukon Permafrost Knowledge Network has been created to facilitate and encourage cooperative relationships between those active in permafrost related work and research activities.





Ice rich permafrost, photo Yukon Research Centre



Goals:
The goals of the Network are to encourage communication and to provide

Activities:
- List of Yukon Permafrost [Network members](#) with contact information &



PDF  [Newsletter](#)

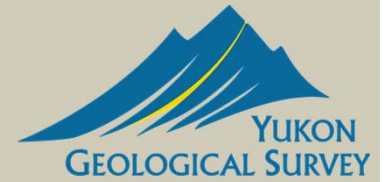
Latest Discussions

- > Permafrost Young Researchers Network, Sept-Oct newsletter
- > Dr. Kenji Yoshikawa's epic Canadian Arctic snowmachine tour
- > Yukon Permafrost Probability Map [Map Package] requires ArcGIS 10.0 or higher

Events

- [International University-level Courses on Permafrost \(IUCP\) Catalogue](#) [HERE](#)

Permafrost 101



Harbin, China

YPN Members



Members | Yukon Permafrost x

← → ↻ permafrost.gov.yk.ca/members/ ☆

PERMAFROST 101

> MEMBERS

DATA

DISCUSSIONS

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Members

The following list of members is arranged alphabetically by affiliation. Each entry includes contact information and research interest. To visit a member's web site, select the entry's internet address; to send e-mail, click on the e-mail address.

Government

GSC

Daniel Riseborough	Permafrost Scientist	✉	🌐
Andree Blais-Stevens	Quaternary Geology, surface processes	✉	🌐
Sharon Smith	Permafrost Research Scientist	✉	🌐
Nicole Couture	Permafrost Scientist	✉	🌐

UAF

Kenji Yoshikawa	Permafrost Scientist	✉	🌐
Erin Trochim	PhD student	✉	🌐
Eva Stephani	Student	✉	🌐

YGS

Jeff Bond	Surficial Geologist	✉	🌐
Panya Lipovsky	Surficial Geologist	✉	🌐
Kristen Kennedy	Surficial Geology, surface processes	✉	🌐

HPW

Paul Murchison	Project Engineer	✉	🌐
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YESAB

Katrine Frese	Assessment Officer	✉	🌐
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DEPARTMENT OF TOURISM AND CULTURE

Grant Zazula	Yukon Palaeontologist	✉	🌐
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Newsletter

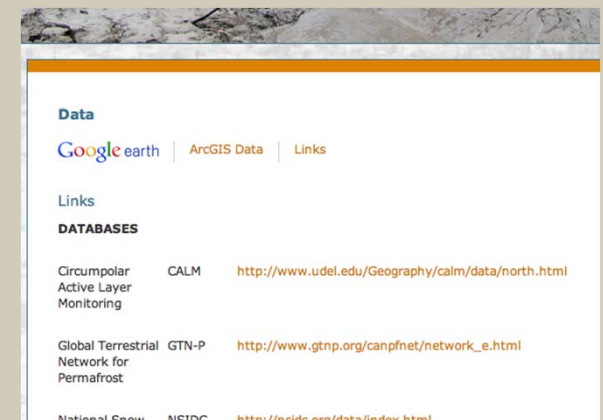
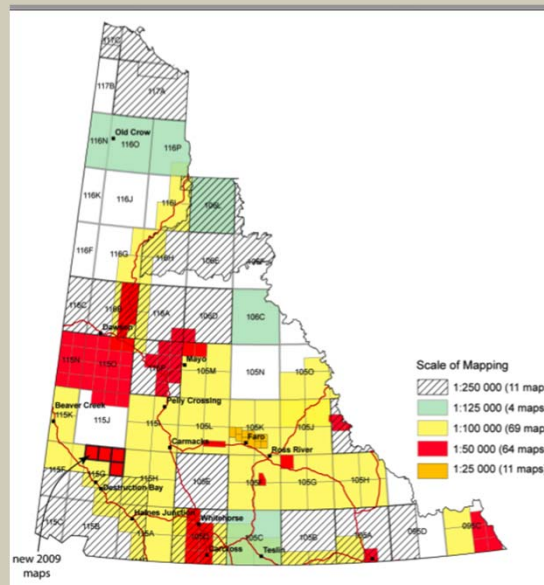
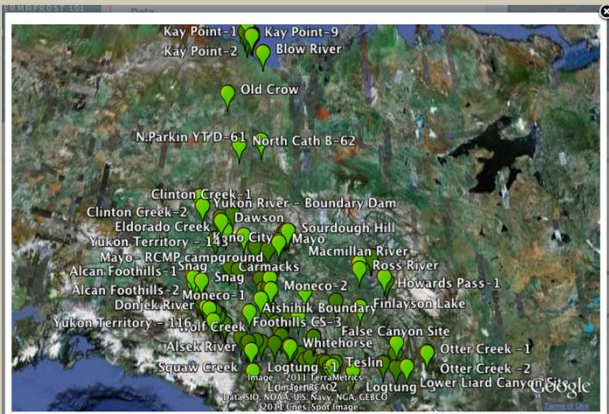
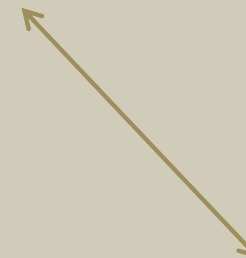
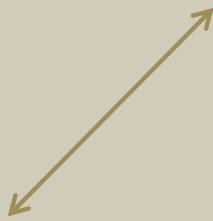
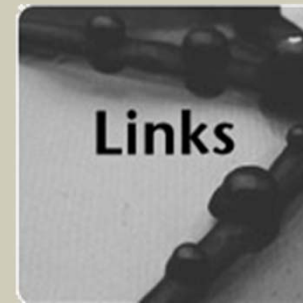
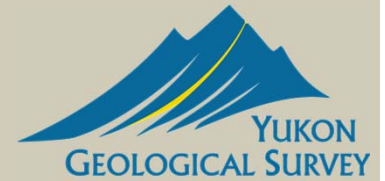
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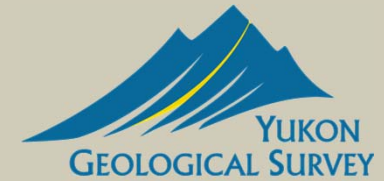
Events

- International University-level Courses on Permafrost (IUCP) Catalogue [HERE](#)
- Nov. 5-7, 2013, Pan-Territorial Permafrost Workshop, Yellowknife NWT
- Dec. 9-13, 2013, AGU - permafrost sessions, San Francisco, California
- January 17-20, 2013, World Snow Forum 2013, Novosibirsk, Russia
- June 18-21, 2014, 4th European Conference on Permafrost (EUCOP4), Evora, Portugal
- August 20-22, 2014, 10th In't Symposium on Permafrost Engineering, Harbin, China

Data Dissemination



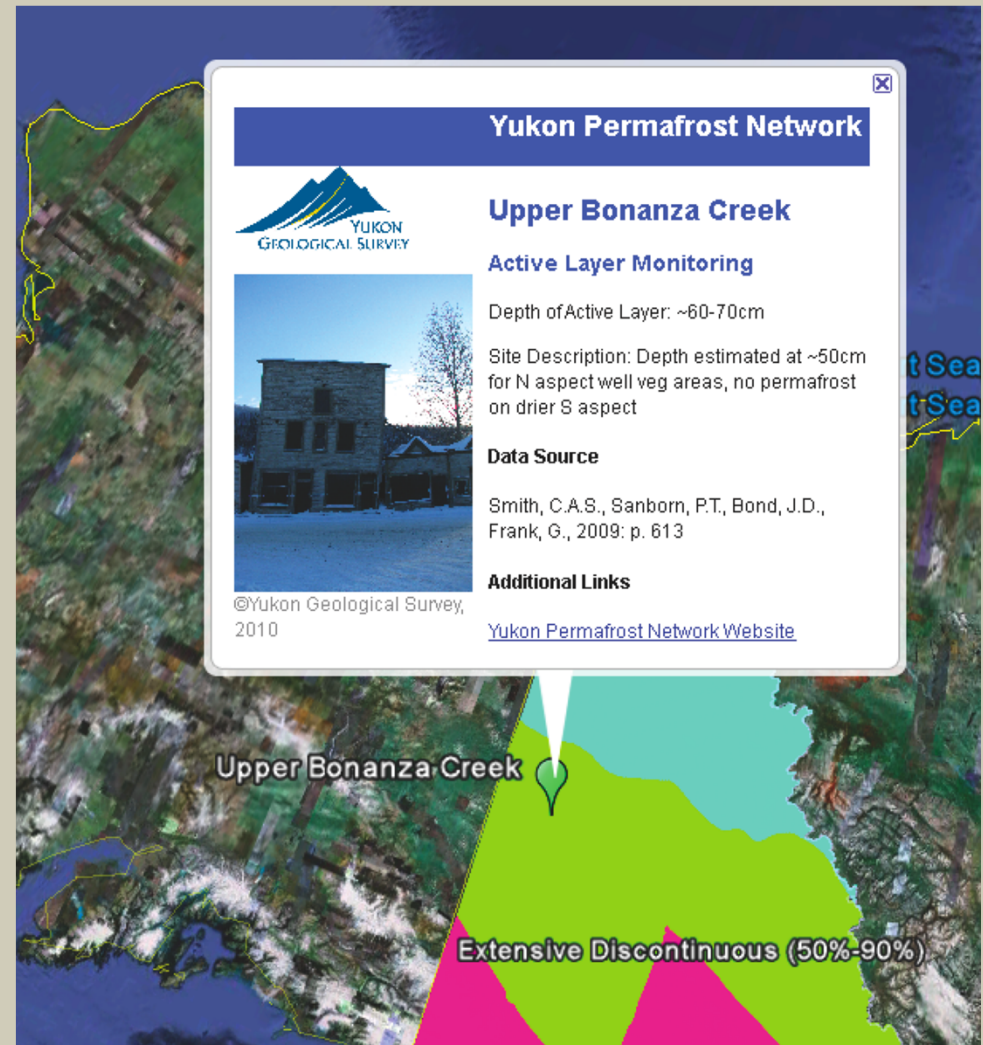
Data Dissemination



- ❑ Google Earth
- ❑ Point and polygon data
- ❑ Accessible for multiple user groups



Yoshikawa 2009



Current research



Geoscience Mapping for Climate Change Adaptation Planning

- Joint project between Northern Climate ExChange, University of Ottawa, Université de Montréal, YGS

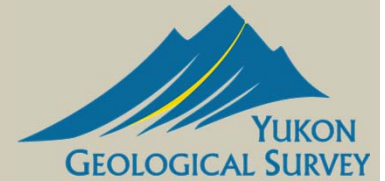
Vulnerability of North Alaska Highway to Climate Change

- Joint project between Northern Climate ExChange and Yukon Highways and Public Works



Northern Climate ExChange

Acknowledgements



- Data contributors
- Yukon communities
- Northern Climate ExChange

