Best Practices in Collaborative Research with **Northern Communities**

- A Synopsis from Early Career Researchers -





With support from:





A cross-cutting initiative by IASC Fellows

Start planning early!
I community before proposal writing

Try to get information on local history, culture and traditions.

Get involved! Link with local high school or college programs.

Josefine Lenz^{1,2}, Louis-Philippe Roy³, Kristina Brown⁴, Emily Choy⁵, Elena Kuznetsova⁶, Robert Way⁷, Richard Gordon⁸, Anna Afanasyeva⁹, Joachim Otto Habeck¹⁰, Alevtina Evgrafova^{11,12}, Scott Zolkos¹³

Who in the community would be interested? Get in touch with previous researchers in the area.

Develop relationships!

Create trust, share your plans and connect on a personal lev

escritad a . A values get a section show the following property in the section of the section of

Don't teach!

In the frame of the Permafrost Young Researchers Workshop on 18-19 June 2016 during the 11th International Conference on Permafrost 2016 (icop.org), a workshop session was organized by IASC Fellows and supported by an IASC cross-cutting proposal. This workshop session aimed at bringing together Early Career Scientists (ECS, including engineers) and resident Arctic representatives and experts to discuss best practice and exchange of traditional and modern knowledge when conducting research in northern countries.

> Smile! Non-verbal communication is important.



Our invited panelists

Richard Gordon: Inuvialuit and an

Anna Annasyeva: Russian Saami living in Norway (PhD study at Centre for Sami

Institute of Social and Cultural Anthropology at the University of Hamburg (Germany); co-lead of the project "Permafrost and Culture" in the region of Sakha (Yakutia, Russia)

PhD student at the University of Ottawa. Canada



Share





active member of his community in Inuvik (Yukon, Canada), Chief Ranger of Herschel Island Territorial Park

Studies at the Arctic University of Tromsø) and Indigenous Peoples Adviser at the International Barents Secretariat (IBS) Jan Otto Habeck: Professor at the

Robert Way: Inuk, IASC Fellow and





Results

A lively exchange between all workshop participants and experts allowed to develope a long and diverse list of Do's and Don'ts of Arctic Research. Not only the working atmosphere was very positive, also the positive list (Do's) was generally more extensive then negative recommendations (Don'ts). The word cloud (created with wordle) visualizes the most frequently mentioned wherm siving the collected lists of Do's and Don'ts of Arctic Research.









Acknowledge!

help aware 🚐 🕍 🔭

Give back!

Offer support and help to community; be ready to do volunteer work

Workshop Structure

The workshop was held twice for 90 min with about 25 participants during each session. At the the beginning, the workshop was opened with traditional music sung and played on guitar by Richard Gordon, followed by some words of the organizers.

The invited experts shortly introduced themselves before the group was organized in four smaller groups of 5-6 participants each; plus one invited expert and one organizer as moderator. The participants were asked to introduce themselves and discuss their personal experiences in northern communities with the aim was to create a list of do's and $don `ts in Arctic \, Research. \, After \, 20 \, minutes \, the \, participants \, came \, back \, into \, the \, plenum \, in \,$ order to present and actively discuss their lists.

By the end, questions to the invited experts were asked before the organizers summarized the outputs from the workshop.



Evaluation

On a scale from 0 ("waste of time") and 5 ("great") the workshop was rated with 4.3 (sd=0.8) which was the highest mean score among all parallel workshop

Written comments included: ""good format", "good but possibly better when divided by discipline", "interactive" and "It was great to meet and talk with representatives of native communities and professionals working with them".

University of Alaska Fairbanks, Institute of Northern Engineering, Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Periglacial Research Section, Yukon Research Centre, Northern Climate ExChange, *Woods Hole Oceanographic Institution, *University of Manitoba, Department of Biological Sciences, *Norwegian University of Science and Technology, Department of Civil and Environmental Engineering,

Memorial University of Newfoundland, Labrador Institute, *Yukon Parks, Herschel Island Qikiqtaruk Territorial Park, *Arctic University of Tromsø, Centre for Sami Studies, *University of Hamburg, 'University of Bern,

"University of Koblenz-Landau, 'University of Alberta