

## Arctic Risk in Urban Spaces (ARUS)

*Report of meeting 16th & 17th January 2018*



David Chapman & Agneta Larsson





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## Arctic Risk in Urban Spaces (ARUS)

### Meeting minutes

Date: 16<sup>th</sup> & 17<sup>th</sup> January 2018

Location: Abisko Research Station

Overview: The aim of this workshop is to begin to identify climate change related conditions that are altering the risks of outdoor activity and soft mobility in Arctic communities.

The workshop was used to develop a project agenda and key issues around changing risks in the Arctic public realm. Whilst this workshop was exploratory, the aim was to identify design challenges to urban space that climate change could bring for soft mobility. The objective was to develop a research strategy that can develop ways to adapt Arctic settlements to these new environmental risks. The goal is to grow these agendas into research applications and funded research.

### Minute matrix for research

	<b>Knowledge:</b>	<b>Research</b>	<b>Big Leap</b>
1.	How do we define winter cities?	What are the attributes that make a winter city?	Can research help define winter cities?
2.	What historic ground research is available on winter cities.	Is this research still relevant?	Can it inform future winter city research projects?
3.	What winter city research projects are ongoing.	Can these be mapped by content and geography?	Are there knowledge gaps in this research?
4.	How does climate variation effect outdoor activity?	What data on seasonal outdoor activity can be collected and used?	Can we model seasonal and all year round outdoor activity?
5.	How is climate change effecting winter cities?	Can climate trajectories be linked to place design?	What are future design challenges in winter urban space?
6.	How does urban form and nature shape places in winter?	What data can we collect on how the public realm is shaped by seasonal variation?	Develop models of urban form with changing surface conditions?
7.	What weather promotes people to be outdoors?	Is research available on peoples indoor versus outdoor life.	Can seasonal life-spaces be modelled?
8.	How do people grow and age in winter cities?	Is research available on the demographics of winter cities.	What can make winter cities more attractive to all people?
9.	What planning policy is appropriate for winter cities?	Can planning policy be tested in this context?	New planning policy cold climate and sparsely populated communities?

10.	How can we connect humans with nature?	Is nature missing from winter health planning	Can design foster a sense of winter belonging?
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### Delegate list

Name	Organisation
Agneta Larsson	Luleå University of Technology
Lars Nyberg	Luleå University of Technology
David Chapman	Luleå University of Technology
Kristina Nilsson	Luleå University of Technology
Adolfo Sotoca	Luleå University of Technology
Lavan Eppanapelli	Luleå University of Technology
Halldór Halldórsson	Luleå University of Technology
Lars Jacobson*	Region Norrbotten/ Luleå University of technology
Arja Rautio	Oulu University
Keith Larson	Umeå University
Marco Eimermann	Umeå University
Torill Nyseth*	University of Tromsø
Timo Koivurova	Lapland University
Juho Kähkönen	Lapland University
Susanna Pääkköla	Lapland University
Leneisja Jungsberg*	Nordregio
Katarina Gårdfeldt	Swedish Polar Research Secretariat

*\*participating via Skype*

## Meeting Agenda

<b>Tuesday 16 Jan.</b>	<b>Activity</b>	<b>Lead</b>
16:00 – 17:00	Arrival and networking. Fika is provided.	-
17:00 – 17:15	Welcome and Introduction to the workshop – Health and Place	Agneta Larsson & David Chapman
17:15 – 18:15	Ice breaker and overview of the workshop and intended outcomes.	Agneta Larsson & David Chapman
19:00 - onwards	Dinner Abisko Mountain Lodge. Please note that all delegates will give a 5 minute overview of their work and particular expertise.	All
<b>Wednesday 17 Jan.</b>	<b>Activity: Workshop discussions</b>	<b>Why?</b>
07:45 – 08:15	Breakfast	
<b>08:15 – 09:45</b>	<b>Session 1: What are the scales of health in place-making? from community to territory.</b>	Identify the range of scales for work. From the strategic to detailed.
09:45 – 10:15	Coffee	
<b>10:15 – 11:30</b>	<b>Session 2: Climate change and the risks in the urban realm: from today to 2100</b>	Identify climate changing risks and challenges to Arctic communities.
11:30 – 12:15	Lunch	
<b>12:15 – 14:15</b>	<b>Session 3: New roles for the public realm in supporting sparsely populated areas.</b>	Consider the design challenges to place and health that climate change could bring.
14:15 – 14:45	Coffee	
<b>14:45 – 15:45</b>	<b>Session 4: The key points of a design agenda</b>	A list of key ideas delegates can all 'sign-up' to.
<b>15:45 – 16:00</b>	<b>Summary and next steps</b>	How these ideas can be disseminated and how to grow this network.