

ARCTIC CENTRE

Research, Exhibitions, Science Communication



@Arctic_Centre

#ArcticCentre

www.arcticcentre.org



Arctic Centre

UNDERSTANDING OF THE ARCTIC REGION

- Unique combination of Arctic research, science communication and education
- Science Centre in Arktikum, Rovaniemi
- Part of the University of Lapland
- Cooperation with ministries, Arctic Council and Barents Euro-Arctic Council, University of the Arctic, Arctic Five, Finnish Institute of International Affairs...

["Arctic, our home" video on YouTube](#)

Founded

1989

Staff*

46

Budget*

3.4M€

Research groups

5

- Arctic Anthropology
- Arctic Global Change
- Arctic Governance
- Northern Political Economy
- Northern Institute of Environmental and Minority Law

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Science Communications
Arktikum Science Centre

57 571

visitors in Arktikum*

202 publications*

325 children in workshops*

In 2019 number of visitors 128 500

* Year 2020

Research

EXAMPLES OF RESEARCH THEMES

- *Environmental, physical:* Changes in plants, animals and snow conditions
- Sea-ice modelling and glacial-geoengineering
- *Security:* Human security in the Arctic, food security
- *Anthropology:* Culture and experiences of local people in the Arctic and their relationship with nature
- Migration in the Arctic
- Social and cultural sustainability in the Arctic
- *Law:* Arctic governance and international cooperation
- Minority law
- *Political:* Social and political dimensions of development in the Arctic



Multichannel Science Communication

TO ADVANCE UNDERSTANDING AND DIALOGUE

- Science Centre in Arktikum: Workshops and learning paths for children
- Events: Arctic Café, Rovaniemi Arctic Spirit, Arctic Market Days, open lectures
- Popular information materials and books
- Information services in Arktikum's Arctic library





Arctic Studies Programme

25 ECTS MULTIDISCIPLINARY PROGRAMME

- For Finnish and foreign students
- Unique opportunity: Learn about the Arctic - taught by Arctic experts – being in the Arctic
- Course examples:
 - ✓ Introduction to the Arctic
 - ✓ Arctic Ecosystems and Adaptation of Species to Arctic Environment
 - ✓ Arctic Governance and Law
 - ✓ People and Cultures of the Arctic
 - ✓ Human Rights and Security in the Arctic





Cooperation with FMI

Ongoing:

- Use of weather and climate data for various projects (e.g. CHARTER, reindeer husbandry studies, studies on birds)
- Use of atmosphere and snow measurement data (e.g. CHARTER)
- Antarctic data management (contract between AC and FMI 2009 →)
- Renewal of science centre basic exhibition!

Potential:

- AC joining crowdsourcing of observations
- Including in particular climate and snow information into various projects
- Cryosphere conservation/geoengineering; joint education for communities with little knowledge of climate interventions.

Thank you!

