



Dear all,

The summer holidays are over, autumn is coming, and it is once again time to turn our attention to the Mistra Arctic researchers...

During the summer we have put together an annual report, which includes different publications, some of which are published and some of which are still under scientific review. In total there are 16 scientific articles with a direct link to the Mistra Arctic programme and 26 scientific articles with an indirect link. During the first year of the programme, research plans and results were orally presented on 63 different occasions.

New book with a modern description of the Arctic region

Several Mistra Arctic-researchers participated in the book titled "The New Arctic", which is aimed at those who wish to broaden their view of what is happening in the North right now.

- In chapter 4, Peter describes the hidden challenges of reindeer husbandry. Today it must coexist with mining, hydropower, wind power, forestry and tourism. In addition to this, reindeer husbandry is also affected by predators, climate change and national legislation.
- In chapter 5, Peder Roberts and Lize-Marie Van der Watt reflect upon previous polar expeditions and forthcoming ones. They focus on the term "expedition". The term "expedition" carries an inherent meaning linked to culture and folklore, and today the term is used for most of the research carried out in the Arctic region, whether it concerns the large crowd-pleasing initiatives or the less glamorous field work.
- In chapter 11, Dieter Müller describes how tourists have become increasingly interested in the North. Tourism is often seen as a positive thing for society, but there are also risks. Different Arctic countries have very different attitudes to tourism.
- In chapter 13, Carina Keskitalo and Mark Nuttall describe how global processes affect northern areas, and how the Arctic region has never been isolated, but rather has been influenced by and been a part of global natural resource flows and international migration.

- In chapter 21, Nina Wormbs puts her finger on the problems which can occur when one area is the subject of so much scientific research, as is the case in the Arctic region. If knowledge is to be of real benefit to society, several scientific disciplines need to be involved.
- In chapter 24, the last chapter, Sverker Sörlin launches the concept of cryo-history. This is the Arctic region's history told from a snow and ice perspective. For example, during the cold war, the Arctic's ice had real strategic importance.

The editors of "The New Arctic" are Birgitta Evengård, Joan Nymand Larsen and Øyvind Paasche. The book can be ordered directly from the publisher, Elsevier, on the following link:

<http://www.springer.com/us/book/9783319176017>

Nordregio finances Mistra Arctic research group

Dag Avango has received a total of DKK 430,000 in additional project funds from research financier Nordregio. The project is called "Sustainable Communities and the Legacies of Mining in the Nordic Arctic", and is carried out in close collaboration with work package 4 (WP4) of Mistra Arctic's programme. Experiences from three mining areas in the Arctic will be compared: Norrbottens malmfält in Sweden, the Qullissat mining community in west Greenland, and the Isfjorden region at Svalbard. Researchers will examine how these societies managed to reuse or manage abandoned industrial sites. In some cases it involved creating new economic activities such as mining tourism, in other cases it was about preserving a cultural heritage which strengthens local identity.

Global perspective on mines in the North

Mining is also the subject of a recent review from the Stockholm Environment Institute (SEI). Among other things, the review states that Sweden accounts for 91 percent of all of the iron ore and 10 percent of all of the copper produced in the European Union (EU). However, from a global perspective European iron and copper ore production is just a fraction of the world market, at barely two and five percent. Researchers predict that the need for minerals will increase in the future. Despite this, the mining industry is characterised by great uncertainty, mines are opened and closed continuously in line with fluctuations on the world market. The review article is written in English and a link to the article is available on Mistra Arctic's website:

<http://www.mistraarctic.se/files/popular-science/in-english/>.

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