



# PhD program in Arctic Extractive Industries

UArctic Thematic Network: Arctic Extractive Industries



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## Partners

UArctic partners:

- University of Lapland, Arctic Centre (lead)
- Memorial University of Newfoundland
- Ilisimatusarfik, University of Greenland
- University of Oulu
- University of Tromsø
- North-Eastern Federal University

Non-UArctic partners:

- European University, St. Petersburg





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## Mandate of TN Arctic Extractive Industries

- The UArctic Thematic Network on Arctic Extractive Industries operates as a pan-Arctic PhD program to train highly qualified researchers in the North who can contribute with original research to the viability of northern extractive industrial development. The expertise generated by the PhD's completed will be valuable contributions for all interested parties in northern development (including companies, NGO's, state administrators, indigenous and local people's associations).





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## Background

- Much of future oil, gas and mining development will happen in the Arctic, and the links between the circumpolar North and the rest of our planet will further increase as well as the public impact of industrial development. Likewise, economic activity and business development play a crucial role in ensuring welfare and employment in the North. Petroleum and other extractive industries can contribute to increasing capital, and employment opportunities in the Arctic.





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## Focal areas of program

- Extractive Industry (EI) development principles and interests in different states and regions
- EI practices
- EI and social impacts, and impact assessments
- EI and environmental/social impacts
- EI and social sciences: anthropology, international relations, geopolitics and (human) security; human geography; etc – enhancing understanding
- EI standards and laws: hard law, soft law, customary law, economic, social, environmental bottom lines, guidelines





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## PhD course – Memorial University

- Report:  
<http://arcticanthropology.org/2012/09/19/human-agents-or-resources-in-arctic-extractive-industries/>
- Participants – 5 institutions; 7 countries
- Collaborative approach between students and instructors
- EI: FIFO to human security; geopolitics to impacts on aboriginal and non-aboriginal communities; mining histories to today's extractive industries business practices





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## Support

- SIU: North American Cooperation (funding for North American and Norwegian students and lecturers to participate in courses) – 2 mill NOK (4 year period)
- Seeking funding for Russian cooperation and participation



# Cumulative effects of Arctic extractive industrial development - an interdisciplinary approach

From the Arctic to the tropics - industry advances to ever remoter areas in the search to satisfy the thirst for resources in the global economy. In most cases the advance of industry is a significant driver of other subsequent changes, reaching from changes in renewable resource management of indigenous peoples, through demography, social structure all the way to political and legal change when different national and international regulations evolve as industry advances. However strong the talks about climate change and alternative energies may be, in the closer future still fossil resources will remain the mainstay of economic development.

In this course we comparatively analyse the principles in which such effects of industrial development can be studied and regulated. The remoter the locations for possible resource extraction, the more frequently is a marginalised population in the periphery and a vulnerable natural environment affected. As a result, the benefits often go to the centres, while the costs remain in the periphery. Specialists in the field of political science, international relations, social anthropology, human geography, and law will introduce lessons learned from their respective cases in the Arctic, with comparative outlooks to elsewhere. Discussion is encouraged to focus on ways, instruments and tools to ensure that extractive industrial activity in remote areas brings benefits for the people living there.

PhD students with a thesis topic remotely or directly connected to regions and topics of Arctic extractive industrial development are encouraged to participate in this course as part of the Uarctic Thematic Network of "People in Arctic Extractive Industries" PhD programme. The students complete the course with a paper or a draft from a chapter of their thesis.

## Assessment

- 10 Credits for attendance (80 % obligatory), participation, oral presentation and approved paper (about 10.000 words)
- Submission of paper: 2th of September 2013
- Pass/fail examination



Teaching period: 27.05. – 31.05.2013 (Mon-Fri) 08:15-17:00