



# Adaptation Research, a Trans-disciplinary transnational community and policy centered approach

(Russian Arctic Coastal Zone- Tiksi settlement (Yakutia), Russian Federation)

March, 2014, Brest, France



## About Sakha Republic (Yakutia), Russia



Sakha Republic (Yakutia) is the largest administrative and territorial subdivision in the world and accordingly, the largest part of Russian Federation. It occupies one-fifth of the territory of Russia. In its territory may be located seven European countries: Germany, France, Austria, Italy, Finland, Greece and Sweden. Sakha Republic is not only the biggest but also the coldest one. Over 40% of its territory is beyond the Arctic Circle. Yakutia located entirely in the permafrost zone. Yakutsk is the capital of Sakha Republic (Yakutia).





Federal State Autonomous Educational Institution of Higher Professional Education "M. K. Ammosov North-Eastern Federal University"

University priorities:

- New quality of the university
- Safeguarding of ecological security and effective reproduction of mineral and raw base; rational nature management
- Technology usage and production in the North
- Rise in living standards in the North
- Preservation and development of Arctic nation culture

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There work 5 research institutions such as the Institute of Mathematics and Health Institute, the Institute of applied ecology of North and the Institute of regional economy of North and, certainly, the Institute of Olonkho.

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The quantity of NEFU 's undergraduate students is over 20,000.

More than 500 students are engaged in postgraduate work.

1,600 academic staff are currently employed at the University. 200 of them hold doctor's degree, 800 are candidate of science degree.

NEFU includes 10 Institutes, 8 faculties, 3 University branches in Mirny, Nerungry and Chukotka, 5 major research institutes.



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## Participants of scientific project:



**Inga Nikulkina** – Principal Investigator for NEFU, support for the economics dimension.  
Candidate of economic science, docent, head of the department "Finance and banking" NEFU.



**Trofim Maximov** - specialist in climatology. A Doctor of Biological Sciences, the head of Laboratory of biogeochemical cycles, the head of the Laboratory of biochemical cycles permafrost ecosystems of Institute of Biological Problems of Cryolithozone of Siberian Branch, Russian Academy of Sciences, the director of the International Research and Educational Center of Biochemistry and Climatology "Best" NEFU.

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**Svetlana Sukneva** - research on demographic tendencies and forecast. A doctor of Economic Sciences, the first Vice Director at Science field in Scientific Research Institute of North Regional Economy of NEFU, the Professor of Labor Economics and social relationships department.



**Alexander Isaev** - ecosystems variety and dynamics research. A Doctor of Agricultural Sciences, the Head of the Laboratory of permafrost Forest Science of Biological Problems Institute of Cryolithozone of Siberian Branch, Russian Academy of Sciences, the Head of Department of Botany and permafrost forest science.

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**Vyacheslav Shadrin** - history, ethnography, transformations of traditional economy and adaptation process to climate change, ensuring interaction with North indigenous communities. Scientific worker of Arctic Research and Indigenous People of the North of Siberian Branch, Russian Academy of Sciences.



**Olga Manzyuk** – assistant and interpreter.  
Assistant of the Department “Finance and banking”, NEFU.

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