Russia’s Arctic Cities
Sustainable Development and Challenges
June 27-28, 2016
Lenin Icebreaker, Murmansk, Russia

Arctic Research Coordination Network
Building a Research Network for Promoting Arctic Urban Sustainability
Funded by the National Science Foundation (NSF)
This Research Coordination Network based at George Washington University promotes Arctic urban sustainability in Russia. It is a multi-disciplinary, international effort examining the interconnections among resource development, climate change, and evolving demographic patterns with the goal of providing advice to U.S., Russian, and other policy-makers on how to develop Arctic oil and natural gas deposits and their related infrastructure in a way that produces minimal impact on the environment.

In memoriam to Vladimir Didyk

June 27, 2016

9:30. Opening by The Rector of Murmansk Actic State University, Doctor of Philosophy, Professor Andrey Sergeev

Session 1. 10:00-12:00. Urban Heat Islands and Climate Change Impact on Urban Infrastructure
Chair: Scott Stephenson (University of Connecticut)

Nikolai Shiklomanov (George Washington University)
Climate Change and Stability of Urban Infrastructure in Russian Permafrost regions:
Prognostic Assessment based on GCM climate projections

Kelsey Nyland (George Washington University)
Climate- and Anthropogenic- Induced Land Cover Change Surrounding Norilsk
Igor Ezau (Nansen Environmental and Remote Sensing Center)
*Interaction between Society and Environment reflected in Urban Climates*

Ryan Engstrom (George Washington University)
*Monitoring Russian Arctic Cities Using Satellite Imagery*

Discussion

**12:00-12:15. Coffee-break**

**Session 2. 12:15-13:45. Creating an Urban Fabric in the Arctic**
**Chair: Larisa A. Ryabova (Institute for Economic Studies, Kola Science Center, Russian Academy of Science)**

Olga V. Shabalina (Barents Centre of the Humanities, Kola Science Centre of Russian Academy of Science, Apatity)
*History of Polar Cities based on the materials of the Museum-Archives of the Kola Center*

Ekaterina A. Orehova (Murmansk Museum of Regional Studies, Murmansk)
*Murmansk and the colonization of the Carelian-Murmansk region*

Yvette Vaguet (Rouen University, France)
*More Urban, Less Arctic? When Arctic Cities shape the Arctic Region*

Discussion

**13:45-14:30 Lunch**

**Session 3. 14:30-16:30. Urban Design, Planning and Branding**
**Chair: Natalia Loukacheva (University of Northern British Columbia)**

Matthew Jull (University of Virginia)
*Frontier Towns: Svalbard Arctic Urban Experiments*

Zhanna E. Kasparjan (Barents Centre of the Humanities, Kola Science Centre of Russian Academy of Science, Apatity)
*Contemporary Issues related to the Development of Cities in Russia’s Arctic Zone*

Jean Radvanyi (National Institute for Oriental Languages and Cultures, Paris)
*Between Federal Programs and Local Branding, what Room of Manoeuver for Regional Strategies?*

Nadezhda Zamiatina (Faculty of Geography, MGU, Moscow)
*Institutional factors of socio-economic development of Northern cities: transformation of tools and concepts in Russian reality (the case of the Khanty-Mansiysky autonomous okrug)*

Discussion
June 28, 2016

Session 4. 9:30-11:30. Challenges of Mining Towns and Monocities
Chair: Vladimir A. Masloboev (Institute of North Industrial Ecology Problems, Kola Science Centre of Russian Academy of Science (INEP KSC), director, doctor of technical sciences

Alexandr K. Portsel' (Murmansk State Technical University, Murmansk)
*Mines of Spitsbergen: Arctic Socio-economic Activities in the Soviet Union and in Norway*

Ludmila V. Ivanova (Institute for Economic Studies, Kola Science Center, Russian Academy of Science, Apatity)
*Mining Areas in the Arctic: Sacrifice Zones or Sustainable Landscapes? (The Case of the Murmansk Region)*

Elena M. Klyuchnikova (Kola Science Centre, Russian Academy of Science, Apatity)
*Corporate Social Responsibility as an Element of Sustainable Development of The Arctic: Russian Experience*

Larisa A. Ryabova (Institute for Economic Studies, Kola Science Center, Russian Academy of Science, Apatity)
*Arctic Towns and Social License to Operate for Resource Extracting Companies: Two Cases in the Murmansk Region*

Discussion

11:30-11:45. Coffee-break

Session 5. 11:45-13:15. The Barents Sea, the Fleet and the Role of Cities
Denis Moiseev. The Chairman of Murmansk Branch of Russian Geographical Society, Murmansk Marine Biological Institute, deputy director.

Vladimir Blinov (Lenin Icebreaker)
*Murmansk as the Core Center of Icebreaker Transportation and the Capital City of Russia’s Atomic Fleet*

Ivan S. Tretyakov (Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO), Murmansk)
*Guardians of the Barents Sea: Century History of Russia-Norway Researches*

*The Meaning of Russia-Norway Cooperation on Oil Spills Response in Barents Sea*

Discussion
13:15-14:00 Lunch

Session 6. 14:00-16:00. Arctic Cities and Multiculturality Issues
Chair: Inna V. Ryzhkova (Murmansk Arctic State University)

Olga A. Bodrova (Barents Centre of the Humanities, Kola Science Centre of Russian Academy of Science, Apatity) *The Indigenous Arctic Population in the Context of Ethnic Branding*

Olga Zmeeva (Barents Centre of the Humanities, Kola Science Centre of Russian Academy of Science, Apatity) *Current Ethnic and Migratory Situation in the Cities of the Murmansk Region*

Sophie Hohmann (CERCEC, Paris) and Alexandra Burtseva (Murmansk Humanities University) *Murmansk on the move. Trajectories of Migrants from South Caucasus and their Representations*

Marlene Laruelle (Director, Central Asia Program, Associate Director, IERES, Research Professor, George Washington University) *Social Changes and New Mobilities in Norilsk*

Discussion

16:30 Conclusions and ending of the conference