

NSF Arctic-FROST ANNUAL NETWORK MEETING AND EARLY CAREER SCHOLARS  
WORKSHOP:

***Resources and Sustainable Development in the Arctic:  
Can, Should and Will Resource-Based Development Be Sustainable?***

**ST.PETERSBURG, RUSSIA, AUGUST 15-17, 2015**

European University in St. Petersburg, RUSSIA

**August 14<sup>th</sup>**

5:00 pm **Ice Breaker Reception (Boat along the Neva river) Information page attached.**

**August 15<sup>th</sup>**

8:00-8:30 *Registration*

8:30-9:15 **Session 1.1 Opening and Introductions**

**Chair:** Nikolay Vakhtin

Nikita Lomagin, Vice Rector for Governmental Relations

Andrey Petrov, Arctic-FROST PI

9:30-10:15 **Townhall/Plenary Session 1.1: Arctic Sustainability Science: Past, Present and Future**

**Chair:** Tatiana Vlasova

Andrey Petrov and Peter Schweitzer

***“Arctic Sustainability Research: Past, Present and Future”***

***Discussion***

10:15-10:30 *Coffee break*

10:30-12:30 **Keynote/Plenary Session 1.2: Resources and sustainable development in the Arctic: lessons and possibilities** *This session will feature four speakers who will set the tone for further presentation discussions: focus on current issues, achievements and questions related to the role of resources in sustainable development in the Arctic*

**Chair:** Yuri Gladky, Herzen State Pedagogical University of Russia (Russia)

Alexander Pelyasov, Council for Productive Forces, Russia

***Resources and sustainable development in the Arctic: lessons and possibilities***

Chris Southcott, Lakehead University, Canada

***Resources and Sustainable Development in the Arctic Project: Initial Findings***

Florian Stammer, University of Lapland, Finland

***Confrontation, co-existence or co-ignorance? Determinants of relations between industry and local people***

***Discussion***

12:30-2:00 *Lunch (Group lunch arranged from a nearby restaurant)*

2:00-4:00

**Illustrated paper session 1.3 Mineral resources and sustainable communities: impacts, contestations and complementarities** *Q: What is the role (if any) of non-renewable resources in sustainable development of the Arctic?*  
(illustrated paper: each panelist gives a short (5 mins) presentation: context of the study(s)-results-main conclusion/discussion points [more of a summary/one or two main conclusions related to the theme of the meeting]; overall discussion moderated by the chair follows)

**Chair/Discussion lead:** Jessica Graybill, Colgate University, USA

Elena Kluchnikova,

***Mining projects and local communities in the Russian Arctic: joint development***  
Rasmus Ole Rasmussen, Nordregio, Sweden

Gerald Zojer, University of Lapland

***Finland Arctic hydrocarbon resources: Curse or blessing for societal security in the Arctic?***

Scott Stephenson, University of Connecticut, USA

***Development potential of Yamal LNG***

Mia Bennett, University of California, Los Angeles, USA

***The Last Frontier? Long-Term Perspectives on Arctic Natural Resource Extraction***

Victoria Hermann, University of Cambridge, UK

***Frozen Assets: Moving Arctic Investment from Resource Extraction to Human Development***

### ***Discussion***

4:00-4:15 *Coffee break*

4:15-5:30

**Illustrated paper session 1.4: Resources and Indigenous communities**  
*Q: Resources and indigenous communities: is there a way to achieve sustainability?*

**Chair/Discussion lead:** Florian Stammmler

Peter Schweitzer, University of Vienna

***Lessons from the Never-Ending ANWR Debate***

Chris Southcott, Lakehead University

***Using non-renewable resources to enhance renewable resource development in Indigenous communities***

Anna Varfolomeeva, Central European University, Hungary

***Past Experiences Forming Present Interactions: Indigenous Peoples and Extractive Industry Development in the North-West of Russia.***

Alexey Pristupa, Wageningen, University. Netherlands.

***Information as legitimacy broker in zoning efforts in the Numto nature park in the Russian Arctic: Planning for sustainability versus vested interests***

Andrew Hodgkins, University of Calgary, Canada

***Examining Sustainable Communities through Vocational Education and Training Partnership Programs in the Canadian North***

Vera Kuklina, Sochava Institute/George Washington University, USA

***Resource extraction and infrastructural networks in the North of Irkutskiaia oblast***

### ***Discussion***

6:00 Dinner (Arranged as a group meal at a nearby restaurant)

**6:00 ARCTIC-FROST STEERING COMMITTEE MEETING (closed)**

Petrov, Heleniak, Graybill, Schweitzer, Southcott, Rasmussen, Vlasova, Crawford

## August 16<sup>th</sup>

8:30-10:30 **Illustrated paper session 2.1: Resources, cities and sustainable development**  
*Q: Can resource-based cities and towns be drivers of sustainable development?*

**Chair/Discussion lead:** Gertrude Saxinger, University of Vienna

Gertrude Saxinger, University of Vienna, Austria

*"We also want to mine 100 years – let's safe the deposits!" local Ideas about Sustainability*

Nadezhda Zamyatina, Moscow State University, Russia

*Current Migration Trajectories of Young Talents to Russian Arctic cities: the Role of Universities*

Yulia Zaika, Moscow State University, Russia

*Socio-economic and environmental challenges and problems of single-industry cities of Murmansk region, Russia*

Tuomas Suutarinen, University of Helsinki, Finland

*Resource-based development and the socio-economic sustainability of resource communities of the Murmansk region*

Julia Loginova, University of Melbourne, Australia

*Institutional Factors of Community Resilience to Natural Resource Development in the Timan-Pechora Province*

Elena Kuznetsova, Norwegian University of Science and Technology, Norway

*Aggregate sustainability in Arctic and Sub-Arctic: challenges and possibilities*

Sigrid Schiesser, University of Vienna, Austria

*The development of railroad infrastructure in the Russian North (Sakha Republic): ecology, symbolics and sociality*

### **Discussion**

10:30-11:00 *Coffee break*

11-12:30 **Illustrated paper session 2.2: Renewable resources and sustainability in the Arctic**  
*Q: Can renewable and traditionally-used resources and be deployed in order to achieve sustainable development?*

**Chair/Discussion lead:** Diane Hirshberg, University of Alaska Anchorage, USA

Nathaniel Trumbull, University of Connecticut, USA

*Marine Protected Areas and the Russian North*

Catherine Chambers, Blönduós Academic Center, Iceland / University of Alaska Fairbanks, USA

*The Icelandic lumpfish fishery as a case study to illustrate the multiple goals of sustainable fisheries management*

Egor Ivanov, Sochava Institute of Geography, Russia

*Sociocultural potential of glacier landscapes of Near-Baikal mountains*

Emily Francis, University of Northern Iowa, USA

*Wild Reindeer dynamics and Sustainability of Social-Ecological Systems in Taimyr*

K. Eidemiller, Herzen State Pedagogical University of Russia (Russia)

*The interests of environmental safety in the development of the Arctic resources as an imperative*

### **Discussion**

12:30-2:00 Lunch (Group meal planned by nearby restaurant)

2:00-2:45 **Illustrated paper session 2.3: Sustainable development and Arctic governance**

*Q; What are the governance mechanisms for sustainable development in the Arctic?*

**Chair/Discussion lead:** Natalia Loukacheva, University of Northern British Columbia, Canada  
Illustrated paper Panelists

Natalia Loukacheva, University of Northern British Columbia, Canada

***Arctic Energy Resources and 'Legal' Sustainability***

Klaus Georg Hansen, Greenland.

***Large scale industrial projects and political sustainability in Greenland***

Nengye Liu, University of Dundee, UK.

***The European Union and Sustainable Management of Fisheries in the Arctic***

Genevieve Parente, University of British Columbia, Canada

***Sustainable Governance in Alaska***

Alla Fedorova, Galina Gnatiuk and Viktoria Filippova, M.K. Ammosov North-Eastern Federal University, Yakutsk, Russia

***Problems of Legal Regulation of Traditional Land Use (Case of Bellet Evenk National Nasleg, Sakha (Yakutia))***

### ***Discussion***

3:00-5:00      **Discussion groups/round table**

**Chair:** Timothy Heleniak, Nordregio, Sweden

5:00-5:15      *Coffee break*

5:15-6:00      **Session 2.4: Synthesis session**

**Chair:** AndreyPetrov & Jessica Graybill

Participants: day's presenters, ECS, other Arctic-FROST members

6:30            *Dinner (Group meal planned at a nearby restaurant)*

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