



Environmental Responsibility and Marine Spatial Planning in the Arctic.

Strategic objectives and cooperation tools
for the EU Governance of Natural Resources

Report

Saint-Petersburg, 2018

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Environmental Responsibility and Marine Spatial Planning in the Arctic. Strategic objectives and cooperation tools for the EU Governance of Natural Resources

September 25-26, 2018, St. Petersburg, Russia

The workshop «Environmental Responsibility and Marine Spatial Planning in the Arctic» took place on the venue of Russian State Hydrometeorological University (St.-Petersburg, Russia) on September 25-26, 2018. For the detail program, see Annex 1.



During the workshop

More than 40 representatives of various stakeholder groups, involved with natural resource management and policies in the Arctic, attended the seminar. Participants represented academic community, regional and local authorities, NGOs from Russia, Estonia, Germany, Norway, and Sweden (for the list of speakers see Annex 2).



Talks by Sergey Nikonorov (Moscow State University) and Indra Overland (Norwegian Institute of International Affairs)



Sergey Nikonorov (Moscow State University), Indra Overland (Norwegian Institute of International Affairs) and Kale Sepp (Estonian University of Life Sciences) moderate the session

Thanks to cooperation between universities, the organizers were able to attract world-class experts from research centers such as Lund University, M.V. Lomonosov Moscow State University, and the Norwegian Institute of International Affairs. The event was also attended by BSc, MSc and PhD students from Russian State Hydrometeorological University.

The aim of the workshop was to discuss aspects of EU-Russia’s interactions on the natural resource governance in the Arctic, which were manifested through the following policy mechanisms: marine spatial planning, rankings and indexes of environmental responsibility and performance.

The first day of the seminar was devoted to discussing various aspects of the interaction between the Russian Federation and the EU in the Arctic region, from the prospects for cooperation in the field of fisheries and the development of sustainable development ratings of companies operating in the Arctic to the implementation of an environmental monitoring system and the use of bio-indicators to assess the state of biota objects and global changes. The particular focus was made on the “Polar Index of Arctic Companies” – the pilot specialized rating for



Talks by Denis Alekseev (Russian State Hydrometeorological University) and Andrey Lappo (Scientific and Research Institute of Maritime Spatial Planning “Ermak Northwest”)

companies whose activity geography affects the Arctic zone of Russia, and “The Arctic Extractive Industries Responsibility Index” (AERI) – the rating dealing with oil, gas and mining companies, operating in the Arctic shelf. The workshop on the construction of AERI was conducted by Indra Overland (Norwegian Institute of International Affairs) and Eduard Podgaiskii (Russian State Hydrometeorological University).



Andrey Lappo introducing the game “If I was a planner” rules

Significant attention at the seminar was given to such a marine management tool as marine spatial planning. The marine spatial planning tool was not only discussed during the session but also demonstrated in the Marine spatial planning business game “If I was a planner”, organized for the workshop participants by Andrey Lappo, Larisa Danilova (Scientific and Research Institute of Maritime Spatial Planning “Ermak Northwest”, St.-Petersburg, Russia). The role game opened the second day of the workshop.



Role game teams

During the game, the participants split into 3 teams tried to develop spatial planning schemes for the Pechora Sea and the adjacent territory. Each team included 9 players who chose a specific role for themselves (a representative of local authorities, a planner, a fisherman, a sailor, an ecologist, etc.) and defended the point of view of a certain group of stakeholders in the team. The teams had different goals for the development of the water area. For one team, the priority was to preserve the natural environment and biodiversity, for the second – social aspects, for the third – economic development of the territory. Students of RSHU, as well as teachers of partner universities, were able to experience a variety of interests and opinions, conflicts that arose, difficulties in finding a compromise, a variety of conditions and emerging situations.



Role game participants

The second day of the workshop also included consideration of the possibilities of applying the research results and case studies in the educational process in higher educational institutions in the Russian Federation, which train specialists in the field of ecology, nature management, nature conservation, etc.

Environmental Responsibility and Marine Spatial Planning in the Arctic

Strategic objectives and cooperation tools for the EU Governance of Natural Resources

Russian State Hydrometeorological University, St.-Petersburg, Russia,
September 25-26, 2018

Workshop organized by Russian State Hydrometeorological University and Pskov State University under the Erasmus+ CBHE project **SUNRAISE** – Sustainable Natural Resource Use in Arctic and High Mountainous Areas, and Erasmus+ Jean-Monnet project **GRASS** – EU governance of natural resources: geopolitics, regions and sectors



Background notes

The aim of the workshop is to discuss two aspects of EU-Russia's interactions on the natural resource governance in the Arctic, which are manifested through the following policy mechanisms:

- **Marine spatial planning,**
- **Rankings and indexes of environmental responsibility and performance.**

In our discussion we will be governed by the assumption that while the EU is struggling to gain traction in the Arctic, without the Arctic Sea littoral states, its options are very limited. Environmental agenda is among the strongest components of the EU external policies, and provides the EU an opportunity to take a lead in policy debates over the future of the Arctic region. Such private governance mechanism as measurements and ranking of environmental responsibility of companies is one of the mechanisms; other ones may include such global non-government initiatives as MSC (Marine Stewardship Council) certification of fisheries. Another context, where the EU can be prepared to play a role is marine spatial planning (MSP), with its Maritime Directive (2014/89/EU) promoted as a legal framework to use also by neighbouring countries.

Aiming at the discussion of EU Arctic ambitions in these two contexts, we will particularly focus on what this means for Russia and on possible interplays with its own Arctic agenda. To get a richer analytical perspective on these issues, we will

explore specific case studies from across the Russian Arctic. In addition, in the context of this discussion we will also explore renewable energy options and opportunities for the Russian segment of Arctic.

After all these pieces will find its place in the puzzle, we will be ready to discuss a policy brief and an analytical paper describing an important aspect of EU-Russia's cooperation over the natural resource governance in the Arctic.

Schedule

*Venue: the main building of Russian State Hydrometeorological University,
Malookhtinski prospect 98, conference hall*

September 25, 2018:

- 9.30 – registration and welcome coffee
- 10.00-10.30 – opening, welcoming addresses, introduction

Sustainable management and environmental responsibility in the Arctic – indicators and rankings

co-chaired by Ruben Zondervan and Eduard Podgaiskii

- 10.30-10.50 – EU and Russian fisheries policies in the Arctic: the prospects for cooperation (*Alexander Sergunin*)
- 10.50-11.10 - Устойчивость портовых городов Российской Арктики / Sustainability of the Russian Arctic Port Towns (*Nikolai Bobylev*)
- 11.10-11.30 - Crowdsourcing Air Quality Monitoring for Estimation of Environmental Performance Index Changes in Arctic Region (*Vladimir Chukin*)

Coffee break, 11.30-11.50

- 11.50-12.10 - Construction of the Polar Index of the Arctic Regions and the Rating of Companies Operating in the Arctic Zone of Russia (*Sergey Nikonorov*)
- 12.10-12.30 - Modern situation of delimitation Russian Arctic shelf (*Alexander Evdokimov*)
- 12.30-12.50 - The Arctic Extractive Industries Responsibility Index (AERI) (*Indra Overland*)
- 12.50-13.20 – Workshop on the construction of AERI (*Indra Overland, Eduard Podgaiskii*)

Lunch break, 13.20-14.10

- 14.10-14.30 – Workshop on the construction of AERI (*Indra Overland, Eduard Podgaiskii*)

Marine spatial planning in the Arctic: the EU and Russia exploring the framework

co-chaired by Kalev Sepp and Indra Overland

- 14.30-14.50 – Maritime spatial planning as an instrument for effective marine management (*Andrei Lappo*)
- 14.50-15.10 – Proposals for environmental indicators to implement monitoring of economic sector in the Barents Sea (*Larisa Danilova*)



- 15.10-15.30 - Marginal ice zone and indicator of global changes in the Arctic (*Denis Alekseev*)

Coffee break, 15.30-16.00

Sustainable management and governance of the Arctic – what is the impact and value of EU-promoted tools

co-chaired by Ruben Zondervan, Sergei Nikanorov and Indra Overland

16.00-16.40 – panel discussion

Meeting of the editorial group

co-chaired by Anton Shkaruba and Ruben Zondervan

- 16.40-17.40 – Discussions of policy conclusions and recommendations; perspectives of a scholarly paper

Workshop dinner, 19.00-21.00 (Kavkaz Restaurant, Ulitsa Stakhanovtsev 5, kavkaz-rest.ru)

September 26, 2018:

Marine spatial planning business game “I am the planner”

Moderated by Andrei Lappo and Larisa Danilova

- 9.00-11.30 – introduction to the game and the game

Coffee break, 11.00-11.30

- 11.30-13.00 – the game, discussion and conclusions on applicability in teaching

Lunch break, 13.00-13.50

Curriculum development for sustainable management and governance in the Arctic

Moderated by Alexander Evdokimov and Kalev Sepp

- 13.50-14.10 – Integration of Arctic research to curriculum development: courses on “Environmental Economics” and “Sustainability Governance” (*Sergei Nikonorov*)

- 14.10-14.30 - SUNRAISE Arctic courses and cooperation with stakeholders at Siberian Federal University (*Viktar Kireyeu*)

- 14.30-14.50 - Accounting of employers' requirements for managing the quality of the educational process at Gorno-Altai State University (*Olga Zhuravleva*)

- 14.50-15.20 - Sustainable management of high mountain areas and the Arctic: labour market needs across Eurasia (*Anton Shkaruba*)

- 15.20-15.40 - Integration of the results of modern Arctic studies in advanced training courses for university teachers and teachers of secondary education schools (*Tatiana Vasileva, Olga Likhacheva*)

Coffee break, 15.40-16.10

SUNRAISE consultations and group work

- 16.10-18.00 – work in groups

Program and organising committee:

- Dr. Ernest Estrin, Russian State Hydrometeorological University (Russia) – *workshop technical coordinator*
- Prof. Aleksandr Evdokimov, Russian State Hydrometeorological University (Russia) – *workshop co-chair*
- Dr. Anatoly Istomin, Pskov State University (Russia)
- Dr. Olga Likhacheva, Pskov State University (Russia) – *workshop co-chair*
- Eduard Podgayskii, Russian State Hydrometeorological University (Russia)
- Prof. Kalev Sepp, Estonian University of Life Sciences (Estonia) – *workshop co-chair*
- Dr. Anton Shkaruba, Erda RTE (the Netherlands) – *workshop academic coordinator*

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GRASS – EU governance of natural resources: geopolitics, regions and sectors

Pskov State University (RU)
Erda Research, Technology, Education (NL)
Central European University (HU)

Estonian University of Life Sciences (EE)
NGO Ekapraekt (BY)
RZ. Research. Management. Communication (SE)

<http://grass.pskgu.ru/>



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SUNRAISE – Sustainable Natural Resource Use in Arctic and High Mountainous Areas













University of Bremen (DE)
Paris Lodron University of Salzburg (AT)
Estonian University of Life Sciences (EE)
Russian State Hydrometeorological University (RU)
Siberian Federal University (RU)
Gorno-Altai State University (RU)





Altai-Sayan Mountain Partnership (RU)
Royal University of Bhutan (BT)
Kumaun University (IN)
Jawaharlal Nehru University (IN)
Central Himalayan Environment Association (IN)

<https://sunraise.sfu-kras.ru/>

Workshop participants:

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