



Summer school “START! SusYainability tRansiTion of borderlands”

Pskov, Russian Federation

July 24 – August 6, 2021

Organisers

START! is co-organised and co-funded by a consortium of international partners financed by several funding programs, including:

CBHE Erasmus+ SUNRAISE (Russian State Hydrometeorological University, Siberian Federal University, Gorno-Altai State University, Estonian University of Life Sciences), <http://sunraise.sfu-kras.ru/>

Erasmus+ Jean Monnet Project TERRA (Pskov State University, St.-Petersburg State University, Estonian University of Life Sciences), <https://pskovsu.com/terra>

School participants

Totally 36 participants from Russia and Estonia took part in the Summer school.

SUNRAISE project partners

Russian State Hydrometeorological University, Russia

- Ganewatte Visal, student
- Alexeev Denis, lector

Siberian Federal University, Russia

- Borodina Ekaterina, student
- Lineytseva Ul'yana, student
- Gette Irina, student

Gorno-Altai State University, Russia

- Balin Kirill, student
- Kakorin Viktor, student
- Karacheva Maria, student
- Kocheeva Nina, lector

Estonian Life Science University, Estonia

- Sepp Kalev, tutor (online)

NGO Altai-Sayan Mountain Partnership, Russia

- Tatiana Yashina, lector

Erda Research Technology Education, The Netherlands

- Anton Shkaruba, lector

Participants from other institutions

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M.V. Lomonosov Moscow State University, Russia

- Nikonorov Sergey, lector

Pskov State University, Russia

- Berezhanskaya Svetlana, student
- Kek (Fedorova) Irina, student
- Gnezdilova Maria, student
- Kotenko Maria, student
- Makarov Grigoriy, student
- Malinina Polina, student
- Nikiforova Svetlana, student
- Raudsep Vera, student
- Rodionov Danil, student
- Timofeev Ilia, student
- Vasilev Ilia, student
- Voytyonok Polina, student
- Likhacheva Olga, lector
- Vasileva Tatiana, lector

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Saint Petersburg State University, Russia

- Sashanova Arina, student
- Sautova Galiya, student
- Bobylev Nikolai, lector
- Kireyeu Viktor, lector
- Sergunin Aleksandr, lector

Tyumen State University, Russia

- Shmakova Ksenia, student

Pskov Regional Center for the Development of Gifted Children and Youth, Russia

- Stepanova Svetlana, student

Pskov Technical Lyceum, Russia

- Chugunova Ioanna, student
- Chugunova Natalia, student

Participants of workshop and round table “Environmental governance systems in transboundary contexts”, a part of the summer school curriculum

- Abolits Aleksander, AgroBioFerma, Tula region, Russia

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- Angelstam Per, Swedish University of Agricultural Sciences, Uppsala, Sweden (online)
- Borisov Vladimir, Pskov State University, Pskov, Russia
- Dirin Denis, University of Tyumen, Tyumen, Russia
- Fedoriak Mariia, Chernivtsi National University, Chernivtsi, Ukraine (online)
- Gololobov Evgeniy, Surgut State Pedagogical University, Surgut, Russia (online)
- Kaganskiy Vladimir, Institute of Geography of Russian Academy of Sciences, Moscow, Russia (online)
- Katel Om, Royal University of Bhutan, Thimphu, Bhutan (online)
- Kireyeu Viktor, Saint Petersburg State University, Saint Petersburg, Russia
- Kocheeva Nina, Gorno-Altai State University, Gorno-Altai, Russia
- Khrishkevich Tatiana, Pskov State University, Pskov, Russia
- Kuklina Vera, The George Washington University, Washington, USA
- Kuklina Maria, Irkutsk National Research Technical University, Irkutsk, Russia
- Likhacheva Olga, Pskov State University, Pskov, Russia
- Manakov Andrey, Pskov State University, Pskov, Russia (online)
- Marinskikh Dmitry, University of Tyumen, Tyumen, Russia
- Maximova Olga, The Russian Presidential Academy of National Economy and Public Administration, Moscow, Russia
- Mikhailap Sergey, Pskov branch of the Federal State Budget Scientific Institution “Russian Federal Research Institute of Fisheries and oceanography”, Pskov, Russia
- Mukaeva Larisa, Gorno-Altai State University, Gorno-Altai, Russia
- Nikonorov Sergey, Lomonosov Moscow State University, Moscow, Russia
- P K Joshi, Jawaharlal Nehru University, New Delhi, India (online)
- Prishchepov Aleksandr, University of Copenhagen, Copenhagen, Denmark (online)
- Tiwary Prakash, Kumaun University Nainital, Uttarakhand, India (online)
- Sepp Kalev, Estonian University of Life Sciences, Landscape and Environmental Management, Tartu, Estonia (online)
- Sergunin Alexander, Saint Petersburg State University, Saint Petersburg, Russia
- Shilin Mikhail, Saint Petersburg State University, Saint Petersburg, Russia
- Shkaruba Anton, Erda Research Technology Education, The Netherlands
- Skryhan Hanna, University of Tyumen, Tyumen, Russia (online)
- Smelyanskiy Ilia, Siberian environmental center, Novosibirsk, Russia
- Sorokina Galina, Siberian Federal University, Krasnoyarsk, Russia
- Terenina Natalia, Pskov State University, Pskov, Russia
- Valasiuk Sviataslau, University of Warsaw, Warsaw, Poland (online)



- Vasileva Tatiana, Pskov State University, Pskov, Russia
- Yashina Tatiana, Katun Nature Reserve, Ust'-Koksa, Russia
- Zhuravleva Olga, Gorno-Altai State University, Gorno-Altai, Russia (online)

School objective

The START! summer school was a vibrant mixture of interactive sessions, lectures and engagement with top experts and practitioners on sustainability of borderlands and transboundary cooperation for environmental protection and regional development. It offered hands-on project and research experience on the science, technology, management and policy of borderlands, reflected upon the relevant EU experience, as well as upon the transferability of this experience to the context of Russia.



Introduction talk by Anton Shkaruba, Erda Research Technology Education, The Netherlands



Lecture by Aleksandr Sergunin, Saint Petersburg State University

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Presentation by participants: Sautova Galiya



Presentation by participants: Malinina Polina



Presentation by participants: Karacheva Maria

School description

The school consisted of several blocks (see Appendix 1). The four introductory days of the school gave participants an overview of sustainability challenges faced by borderlands, including issues related to the state of the biophysical system, management action, economics and geopolitics. This included an overview field excursion around the city of Pskov (lead by Viktor Kireyeu) and participation in Academia-Praxis workshop "Environmental governance systems in transboundary contexts" (July 26-27).

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Pskov city tour by Viktor Kireyeu



Pskov city tour by Viktor Kireyeu

The aim of the research workshop and roundtable “Environmental governance systems in transboundary contexts” in Pskov was to discuss the borderland topic in the context of regional development, in particular referring to environmental governance systems, thus advancing the understanding of options for sustainability transition. The purpose of the parallel running of two events was therefore:

- to benefit from collective wisdom and reflection of selected Russian and international experts concerned with the main topics, as well as
- to ensure dissemination of the expertise among students and early stage researchers interested in development and environmental issues of borderlands.

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Talk by Per Angelstam, Swedish University of Agricultural Sciences



Talk by P K Joshi, Jawaharlal Nehru University



Talk by Nikolai Bobylev, Saint Petersburg State University



Talk by Tatiana Yashina, Katun Nature Reserve

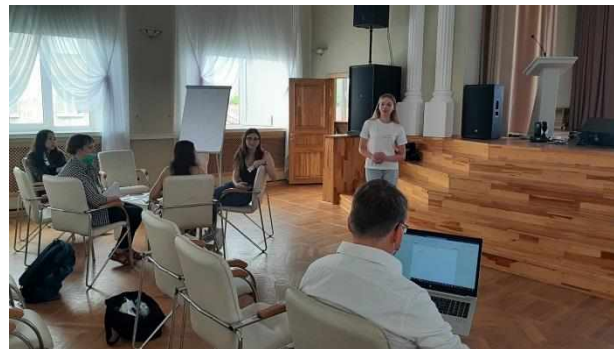




In the next days, participants had an opportunity to wrap up what they learned on the workshop, and completed the Research Phase 1. During the Research Phase 1 participants developed group projects on transboundary cases in nature protection, tourism development and environmental and cultural education. These projects were partly based on a combination of remote sensing and social science methods, and resulted in short reports on socio-economic and environmental dynamics of case study areas.



Supervised group work



Supervised group work



Supervised group work (by Anton Shkaruba)



Supervised group work (by Sergey Nikonorov)

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The Research Phase 2 was partly based on the outcomes of the Phase 1. It included in-depth analysis of various aspects of Seto land (Setomaa) in Russia and Estonia, and call for solutions to selected socio-economic and environmental problems of this transboundary area. For the inspiration and emerging into the context of the topic participants took part in two field trips in the Russian part of Setomaa and its neighbourhoods.



In the Seto museum, the only one in Russia



In the Seto museum, the only one in Russia

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At the linen and hemp museum



At the linen and hemp museum



At the Izborsk museum



In the Izborsk fortress

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As a final assignment for the Research Phase 2 participants prepared proposals to Development strategy of the Region of Pskov. Their proposal focused on the territory of Setomaa and suggested solutions for the socio-economic, environmental and demographic problems of the territory.

Results

Finally we got 3 projects in Research Phase 1 and 3 in Research Phase 2.

For the Phase 1:

1. "Proposal for creation of transboundary Osveya geopark"



Presentation from the group 1

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2. "Seto home"



Presentation from the group 2



3. "Transboundary Pskov-Peipsi lake as a platform for ecological, cultural and historical exchange"



Presentation from the group 3

For the Phase 2:

1. "Scenarios of socio-economic development of Pskov region and Setomaa in particular"
2. "Human capital development in the case study area"



Presentation from group 1



Presentation from group 2

3. "Nature park with a center in Sigovo village"



Presentation from group 3

All the participants got certificates (see a copy of the certificate in Appendix 2) on the final graduation held by the Tatiana Vasileva, head of the Youth Department of the Pskov State University, and Olga Likhacheva, vice director for research and international affairs of Institute of Medicine and Experimental Biology.





The START! Summer school feedback analysis

The START! Summer school feedback form included 9 questions:

1. What useful things have you learned at the Summer School? / Что полезного для себя вы узнали на Летней школе?
2. How difficult were the project assignments for you? / Насколько проектные задания оказались трудными для вас?
3. What were the difficulties? / В чем заключались трудности?
4. What would you recommend to change to improve the conduct of the summer school? / Что бы вы посоветовали изменить, чтобы улучшить проведение летней школы?
5. Rate the work of teachers and speakers during the Summer School (from 1 to 5) / Оцените работу преподавателей и спикеров во время Летней школы (от 1 до 5)
6. Evaluate the excursion program during the Summer School (from 1 to 5) / Оцените экскурсионную программу во время Летней школы (от 1 до 5)
7. Meals during the Summer School / Оцените питание во время Летней школы
8. Accommodation during the Summer School / Оцените проживание во время Летней школы
9. Your wishes, remarks, comments / Ваши пожелания, замечания, комментарии

What useful things have you learned at the Summer School? / Что полезного для себя вы узнали на Летней школе?

The answers to the first question were rather different and covered not only subjects areas, but also soft skills and methods. So they were grouped into the following sets:

1. INFORMATION ON CROSS-BORDER COOPERATION: *“There is a lot of useful information on cross-border cooperation”, “experience of cross-border interaction, peculiarities and traditions of some ethnic groups”, “information about the border areas, the people of Seto, the climate, etc.”, “a lot about borderlands, Setomaa”.*
2. ENVIRONMENTAL AND LINKED ECONOMIC ISSUES: *“Got an idea of various areas of environmental and economic activities, studied the development strategy of the Pskov region”, “problems of regions and some foreign countries in the field of nature protection, the Arctic”, “and what are the environmental problems at the international level”, “it was interesting to learn the good practices in other cities and countries”.*
3. MULTIDISCIPLINARITY: *“and improved my knowledge in new subjects (biology, geography, economics, etc.)”, “diversified knowledge in the field of hydrology, nature management, business, etc.”.*
4. NEW METHODS: *“new methods how to analyze documents and propose sustainable development strategies”, “new teaching and research methods, teamwork, project design”.*
5. WORK IN A TEAM: *“I studied how to work in a team”.*
6. PROJECT DESIGN AND PROJECT PREPARATION: *“I studied how to prepare grant projects”, “the economic component of projects”.*
7. COMMUNICATION: *“talked with an interesting supervisor”, “a lot about academic communication”.*

Despite the mentioned information students paid attention to the excursions and the data about the city of Pskov which they received during two weeks stay in this ancient city.

How difficult were the project assignments for you? / Насколько проектные задания оказались трудными для вас?

The students consider project assignments (the core assignments for the summer school) to be neither too easy nor very difficult. Most of them evaluated project assignments as average in their difficulty (66%), and 34% of students — a little bit more than average.

What were the difficulties? / В чем заключались трудности?

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The difficulties included “completely new methods and documents”, “a small amount of time and a very vague task of the case did not allow us to quickly identify a specific problem”, “organizing the work within the team”, “too much multidisciplinary”, “the versatility of the topic under consideration, for example, organizational and legal forms, business organization, analysis of costs and profits from project implementation etc.”, “little time to write a project”, “different levels of knowledge in the group”.

What would you recommend to change to improve the conduct of the summer school? / Что бы вы посоветовали изменить, чтобы улучшить проведение летней школы?

Suggestions from the audience were the following: “more time for excursions”, “daily schedule”, “the entertainment evening event at the selected date (for singing, dancing and playing guitar), It will help to improve students skills and mental health”, “attract participants not only from the Russian Federation, but also from abroad” (which was in the plan of summer school realization from the beginning, but, unfortunately due to CORONA-virus restrictions organizers were not able to invite people from abroad), “more physical exercises”, “allocate time for meeting speakers not only in class or increase the break time for this”.

Rate the work of teachers and speakers during the Summer School (from 1 to 5) / Оцените работу преподавателей и спикеров во время Летней школы (от 1 до 5)

The overwhelming majority of the participants rated the work of the teachers and organisers as good and excellent.

Evaluate the excursion program during the Summer School (from 1 to 5) / Оцените экскурсионную программу во время Летней школы (от 1 до 5)

All the participants rated the work the excursion programm as excellent.

Meals during the Summer School / Оцените питание во время Летней школы

The meals during Summer School was rated as good (33%) and excellent (67%) by the participants.

Accommodation during the Summer School / Оцените проживание во время Летней школы

The accomodation during Summer School was rated as good (22%) and excellent (78%) by the participants.

Your wishes, remarks, comments / Ваши пожелания, замечания, комментарии

Some remarks from the participants in the conclusion:

“Everything was perfect”. “The summer camp was interesting. Wish you all the best to teachers and professors success their future works!” “Excellent format, wish to continue this project”. “I would like to continue the project in other regions of Russia and other countries.” “New ideas for new summer schools!” “Thank you for the excellent organization, invited speakers, zoom conference!!! Acquaintance with interesting scientists and the opportunity to communicate with them! Also for working in groups with students from different regions! The cases made us think about the problems of cross-border cooperation, ecotourism, preservation of the identity of ethnic groups, etc. The consultations of mentors (Viktar Vitalievich, Olga Viktorovna, Tatiana Vladimirovna, Anton Dmitrievich) were especially valuable”. “Everything was great, I want to participate again”. “Thanks again for the opportunity!”



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About the school

The START! summer school is be a vibrant mixture of interactive sessions, lectures and engagement with top experts and practitioners on sustainability of borderlands and transboundary cooperation for environmental protection and regional development. It offers hands-on project and research experience on the science, technology, management and policy of borderlands, reflects upon the relevant EU experience, as well as upon the transferability of this experience to the context of Russia. As the capital of one of two Russian regions bordering three countries, Pskov is a prime location for advanced borderland education. Please see the dedicated section for conceptual foundations and the thematic scope of borderland sustainability studies.

School venue is the main building of Pskov State University: Lenin sq. 2.

О школе

Летняя школа START! предлагает интерактивные сессии, лекции и возможности консультаций с ведущими учеными и практиками, которые занимаются вопросами устойчивости приграничій, а также трансграничного сотрудничества в области охраны окружающей среды и регионального развития. Школа даст возможность получить навыки проектной и научно-исследовательской работы в области экологии и управления приграничьями, проанализировать соответствующий опыт ЕС и проанализировать его с точки зрения применимости в России. Будучи столицей одного из двух российских регионов, граничащего сразу с тремя государствами, Псков предоставляет широкие возможности для изучения проблем приграничій. Для получения подробной информации см. раздел, посвященный описанию концепции и тематического охвата школы START!

Место проведения школы – главное здание Псковского госуниверситета (Пл. Ленина 2).

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Summer school faculty

The school is held at Pskov State University that is a highly acclaimed research and training centre for the development of borderland areas. Key partners include St.-Petersburg State University, Gorno-Altai State University, Moscow State University, Russian State Hydrometeorological University and the Siberian Federal University. The key International partner of the START! school is Estonian University of Life Sciences.

Преподавательский состав

Школа проводится на базе Псковского государственного университета, широко известного центра изучения проблем развития приграничных территорий. Основные партнеры Школы в России – С.-Петербургский государственный университет, Горно-Алтайский государственный университет, Московский государственный университет, Российский государственный гидрометеорологический университет и Сибирский федеральный университет. Основной международный партнер Школы START! – Эстонский университет естественных наук.

Dr. Denis Alekseev, Russian State Hydrometeorological University (Russia)

Dr. Nikolai Bobylev, St.-Petersburg State University (Russia)

Dr. Viktor Kireyev, St.-Petersburg State University (Russia)

Dr. Nina Kocheeva, Gorno-Altai State University (Russia)

Dr. Vera Kuklina, George Washington University (USA); V.B. Sochava Institute of Geography of the Siberian Branch of Russian Academy of Sciences (Russia)

Dr. Olga Likhacheva, Pskov State University (Russia)

Prof. Andrey Manakov, Pskov State University (Russia)

Prof. Sergei Nikanorov, Moscow State University (Russia)

Dr. Nina Pakharkova, Siberian Federal University (Russia)

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Dr. Alexander Prischepov, University of Copenhagen (Denmark)

Prof. Kalev Sepp, Estonian University of Life Sciences (Estonia)

Prof. Alexander Sergunin, St.-Petersburg State University (Russia)

Dr. Tatiana Shashkova, Siberian Federal University (Russia)

Dr. Anton Shkaruba, Erda RTE (the Netherlands)

Dr. Tatiana Vasilyeva, Pskov State University (Russia)

Program overview

The four introductory days of the school will give an overview of sustainability challenges faced by borderlands, including issues related to the state of the biophysical system, management action, economics and geopolitics. This will include an overview field excursion and participation in Academia-Praxis workshop “*Environmental governance systems in transboundary contexts*” (July 26-27). In the next days, participants will have an opportunity to wrap up what they will learn on the workshop, and complete the Research Phase 1 with group projects on drivers of land-use and land-cover change of borderland areas. These projects will be based on a combination of remote sensing and social science methods, and will result in short reports on socio-economic and environmental dynamics of case study areas.

The Research Phase 2 will be very much based on the outcomes of the Phase 1. It will include in-depth analysis of various aspects of Seto land (Setomaa) in Russia and Estonia, and call for solutions to selected socio-economic and

Обзор программы

Первые четыре дня Школы будут заняты вводной программой, посвященной обзору проблем и вызовов устойчивого развития приграничных территорий, включая состояние экосистем, особенности управления природопользованием, экономические и геополитические аспекты. В рамках вводных дней будет предложена экскурсия по Псковскому приграничью, а также участие в научном семинаре «*Системы экологического управления в приграничном контексте*» (26-27 июля). В последующий дни, в рамках Исследовательской Фазы 1, участникам представится возможность обобщить полученную на семинаре информацию, а также принять участие в групповых проектах, посвященных изучению движущих факторов динамики землепользования приграничных территорий. Данные проекты будут основаны на анализе материалов дистанционного зондирования и социально-географических данных, и их итогом будут короткие отчеты о социально-экономической и экологической ситуации на исследуемых территориях.

Групповые проекты Исследовательской Фазы 2 во



environmental problems of this transboundary area. As a part of the assignment, various policy instruments available in Russia and Estonia, as well as transboundary institutions and arrangements will be explored to back up proposed solutions.

Participants and faculty will be encouraged to re-develop the final reports into academic papers or project applications. Successful students will be awarded a START! Certificate of Completion at the end of the course and transferred 1.5 ECTS for Track 1 participants and 3 ECTS to the Track 2.

многим будет основаны на результатах, полученных в рамках Фазы 1. Они будут посвящены детальному анализу различных аспектов природопользования в земле Сету (Сетомаа) в России и Эстонии с целью разработать решения для конкретных социально-экологических проблем. Проектные группы должны будут проанализировать различные политики и инструменты управления, применимые в России и Эстонии, а также трансграничные институции и механизмы взаимодействия, которые могут быть применимы как часть предлагаемых решений.

Мы рассчитываем, что участники Школы и преподаватели найдут возможности использования своих проектных разработок в качестве основы для публикаций и/или проектных предложений. Выпускникам школы будут присвоены сертификаты об окончании программы дополнительного образования Псковского государственного университета с присвоением 1.5 кредитов для выпускников Трэка 1 и 3 кредитов для выпускников Трэка 2.

Pre-School / Подготовительный период

July 15-22, 2021 / 15-22 июля 2021 г.

pre-course reading and case study materials (made available through a dedicated e-learning site from July 15, 2021), development and collection of course participants profiles with short visions for the course (to be compiled to the course participant directory)

ознакомление с учебными материалами и характеристиками района исследования (будет доступно через обучающую систему ПсковГУ с 15 июля 2021 г.), подготовка директории с информацией об участниках школы и их видением учебного процесса

In-School / Обучающий период

July 23 –6 августа 2021 г.

(1) SCOPING PHASE (JULY 23-27) / ВВОДНАЯ ФАЗА (23-27 ИЮЛЯ)

July 23: Arrival to Pskov, registration, meet & greet / 23 июля: прибытие во Псков, встреча



July 24: School opening, introduction and setting the scene / 24 июля: открытие школы, введение в тематику

10.00-10.30 – School Opening, introduction and house rules – Prof. Antal Taras, Dr. Olga Likhacheva, Prof. Alexander Sergunin, Dr. Anton Shkaruba

10.30-11.30 – Introduction by participants

11.30-12.00 – break

12.00-13.00 – a get together workshop

13.00-14.00 – borderlands – what and why? (lecture and an interactive workshop) – Dr. Anton Shkaruba

14.00-14.45 – lunch break

14.45-16.15 – formats and contents of transborder cooperation; challenges for sustainable development (lecture and a discussion) – Prof. Alexander Sergunin

16.15-16.30 – break

16.30-18.00 – formats and contents of transborder cooperation; challenges for sustainable development (lecture and a discussion, continued) – Prof. Alexander Sergunin

July 25 / 25 июля

10.00-11.30 – Skill training session – problem formulation and academic writing – Dr. Viktor Kireyeu, Dr. Anton Shkaruba, Dr. Olga Likhacheva

11.30-12.00 – break

12.00-13.30 – Skill training session – problem formulation and academic writing – Dr. Viktor Kireyeu, Dr. Anton Shkaruba, Dr. Olga Likhacheva

13.30-14.30 – lunch break

14.30-17.00 – research excursion – the city of Pskov as the city on the border – Dr, Viktor Kireyeu

July 26-27: Academia-Praxis workshop “Environmental governance systems in transboundary contexts” / 26-27 июля: научно-практический семинар «Системы экологического управления в приграничном контексте»

See the workshop program at <https://pskovsu.com/env>

(2) RESEARCH TRAINING PHASE 1 (JULY 28-31) / ИССЛЕДОВАТЕЛЬСКАЯ ФАЗА 1 (28-31 ИЮЛЯ)

July 28: wrap up on policy tools for the development of borderlands / 28 июля подведение итогов по инструментам и политикам для устойчивого развития приграничий



10.00-11.30 – wrap up seminar and discussion “what have we learned on the workshop on Monday and Tuesday?” – Dr. Nikolai Bobylev, Prof. Alexander Sergunin, Prof. Sergei Nikanorov, Dr. Anton Shkaruba

11.30-12.00 – break

12.00-13.30 – introduction to the research topic “marginalisation as a problem and an opportunity” (lecture and discussion) – Prof. Alexander Sergunin, Dr. Nina Kocheeva

13.30-14.30 – lunch break

14.30-16.00 – introduction to the research topic “green financing and investment for the development of a borderland” – Prof. Sergei Nikonorov

16.00-16.15 – break

16.15 – 17.45 – introduction to the research topic “governance of a transboundary lake” – Dr. Tatiana Vasilieva, Dr. Sergei Mikhalap

July 29-31: projects on the analysis of marginalization processes, on the options for green investments and financing, and on sustainable management of transboundary lake ecosystems / 29-31 июля: – групповые проекты по анализу процессов маргинализации и по анализу возможностей зеленого инвестирования и финансирования, по анализу трансграничного управления озерными экосистемами

10.00-11.30 – group sessions 1

11.30-12.00 – break

12.00-13.30 – group sessions 2

13.30-14.30 – lunch break

14.30-16.00 – group sessions 3

16.00-16.15 – break

16.15-17.45 – group sessions 4 (on July 31 – presentation of group work results)

(4) RESEARCH TRAINING PHASE 2 (AUGUST 1-4) / ИССЛЕДОВАТЕЛЬСКАЯ ФАЗА 2 (1-4 АВГУСТА)

August 1: Launching the Setomaa group projects / 1 августа: запуск групповых проектов по изучению Сетомаа

10.00-11.30 – introduction to Setomaa and presentation of research topics – Dr. Anton Shkaruba, Dr. Viktor Kireyeu, Dr. Olga Likhacheva, Dr. Tatiana Vasilieva

11.30-12.00 – break

12.00-13.30 – identification of group project topics

13.30-14.30 – lunch break



14.30-16.00 – work on research plans

16.00-16.15 – break

16.15-17.45 – presentation of research plans

August 2: research excursion Sigovo-Izborsk-Pechory (details TBC) / 2 августа: исследовательская экскурсия Сигово-Изборск-Печоры (детали будут представлены дополнительно)

August 3: research excursion Sokolikha-Snetnaya Gora-Obdeh-Krivsk (details TBC) / 3 августа: исследовательская экскурсия Соколиха - Снетная гора - Обдех - Кривск (детали будут представлены дополнительно)

August 4: analytical work in groups / сбор и анализ информации в группах

10.00-11.30 – group sessions 1

11.30-12.00 – break

12.00-13.30 – group sessions 2

13.30-14.30 – lunch break

14.30-16.00 – group sessions 3

16.00-16.15 – break

16.15-17.45 – group sessions 4

August 5: group work on reports and consultations / 5 августа: работа в группах над отчетами

10.00-11.30 – group sessions 1

11.30-12.00 – break

12.00-13.30 – group sessions 2

13.30-14.30 – lunch break

14.30-16.00 – group sessions 3

16.00-16.15 – break

16.15-17.45 – group sessions 4

August 6: reporting and graduation / 6 августа: отчетный семинар и выпуск

10.00-11.30 – final work on reports

11.30-12.00 – break

12.00-13.30 – group presentations



13.30-14.30 – lunch break

14.30-16.00 – graduation

16.00 – farewell

August 7: departures / 7 августа: отъезд

Post-School

September 1-30, 2021 / 1-30 сентября 2021 г.

the group leaders send the final version of group reports (paper or solution proposals) to be included to the edited on-line volume and case study database

руководители групп высылают финальные версии отчетов для публикации на сайте Школы и включения в базу данных исследовательских кейсов



Contacts

The latest updates about the school are available from <http://pskovsu.com/act>. The organising team includes Olga Likhacheva, Tatiana Vasilyeva (Pskov State University), Viktor Kireyev, Alexander Sergunin (St.-Petersburg State University), Eduard Podgaisky (Russian State Hydrometeorological University).

Контактная информация

Наиболее актуальная информация о школе доступна на сайте <http://pskovsu.com/act>. Члены организационной группы - Ольга Лихачева, Татьяна Васильева (ПсковГУ), Виктор Киреев, Александр Сергунин (Санкт Петербургский государственный университет), Эдуард Подгайский (Российский государственный гидрометеорологический университет).

START!

SUSTAINABILITY TRANSITION OF BORDERLANDS

PSKOV, JULY 24-31, 2021 (TRACK 1) | JULY 24 – AUGUST 6, 2021 (TRACK 2)

[HTTP://PSKOVSU.COM/ACT](http://pskovsu.com/act)

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Information about School organisers

START! is co-organised and co-funded by a consortium of international partners financed by several funding programs, including: CBHE Erasmus+ SUNRAISE (Russian State Hydrometeorological University, Siberian Federal University, Gorno-Altai State University, Estonian University of Life Sciences), <http://sunraise.sfu-kras.ru/> Erasmus+ Jean Monnet Project TERRA (Pskov State University, St.-Petersburg State University, Estonian University of Life Sciences), <https://pskovsu.com/terra>

Информация об организаторах Школы

START! организована и поддержана консорциумом международных партнеров и профинансирована несколькими проектами, включая: CBHE Erasmus+ SUNRAISE (Российский государственный гидрометеорологический университет, Сибирский федеральный университет, Горно-Алтайский государственный университет, Эстонский университет естественных наук), <http://sunraise.sfu-kras.ru/> Erasmus+ Jean Monnet Project TERRA (Псковский и С.-Петербургский государственные университеты, Эстонский университет естественных наук), <https://pskovsu.com/terra>



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Pskov State University

CERTIFICATE

This to certify that

Polina Voytyonok

has completed and successfully fulfilled the requirements of the Summer school

START! SusTAINability tRansiTion of boderlands

during the in-class and field period from July 24 to August 6, 2021

108 hours/3 ECTS

*The Summer school has been developed and organised under the
Erasmus+ Jean Monnet Project “Transboundary European Regionalisation in Russia and
Eastern Partnership: European Dimension and Environmental Drivers” (TERRA) and
ERASMUS+ CBHE project “Sustainable Natural Resource Use in Arctic and
High Mountainous Areas” (SUNRAISE)*

Vice-Rector for Research, Prof. Taras Antal

**Academic director
of the Summer School START!
Dr. Anton Shkaruba
(Erda RTE, the Netherlands)**

**Coordinator
of the JM Project TERRA
Dr. Olga Likhacheva
(Pskov State University,
Russia)**

Done in Pskov, Russia, August 6, 2021