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

INTENSE – Integrated Doctoral Program for Environmental Policy, Management and Technology

Joint Seminar Tartu, Estonia

20th – 24th May, 2019

*Estonian University of Life Science, Kreutzwaldi 5
Meeting room 2A-1*

Outline

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01. Organizers

The Joint meeting was organized by Estonian University of Life Science (Estonia) and University of Bremen (Germany)

SUNRAISE Partners: RSHU, SFU, GASU, ASMP, PLUS, EMU, RUB, JNU, CHEA, UNIHB

INTENSE Partners: EMU, BOKU, LNU, OSENU, KKNU, IECNASU, NUM, KHU, HUST, HCMUNRE

02. List of participants

A total of 44 participants from 13 different universities took part in the meeting, including Germany, Russia, Latvia, India, Bhutan, Mongolia, Ukraine, Austria and Estonia.

- **University of Bremen (Sunraise)**
Igor Novopashenny
Yildiray Ogurol
Martina Salm
Jens Bücking
- **Gorno-Altai State University (Sunraise)**
Natalia lurkova
Dmitrii Safronov
- **University of Latvia (Intense)**
Raimonds Ernsteins
- **Altai-Sayan Mountain Partnership (Sunraise)**



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- Tatjana Yashina
- ***Kumaun University (Sunraise)***
Prakash Chandra Tiwari
Bhagwati Joshi
 - ***Siberian Federal University (Sunraise)***
Nina Pakharkova
Irina Bezkorovainaiia
Irina Borisova
Anna Grenaderova
Tatiana Shashkova
 - ***Royal University of Bhutan (Sunraise)***
Dawa Tshering
Sonam Choden
Tempa Dorji
 - ***National University of Mongolia (Intense)***
Khatanzorigt Munkhbat
Somdagva Chonokhuu
 - ***Jawaharlal Nehru University (Sunraise)***
Ravikesh
Pawan Kumar Joshi
 - ***Khovd State University (Intense)***
Amarzaya Gulguu
Unurnasan Dagva
 - ***Russian State Hydrometeorological University (Sunraise)***
Ekaterina Fertikova
Viktor Abannikov
Eduard Podgaiskii
Anna Cheremnykh
Marianna Ozun
 - ***Odessa State Environmental University (Intense)***
Oleg Shabliy
 - ***V.N.Karazin Kharkiv National University (Intense)***
Nadiya Maksymenko
Alla Nekros
Olena Chernikova
 - ***University of Salzburg (Sunraise)***
Marc Giménez Maranges
 - ***Estonian University of Life Sciences (Sunraise and Intense)***
Henri Järv
Kalev Sepp
Diana Pungar
Valdo Kuusemets
Kristel Kirsimäe
Jaak Kliimask
Lilian Ariva
Endla Reintam
Ülar Allas
Lagle Lõhmus
Anne Kull
Aret Vooremäe

03. Meeting objective

The main objective of the seminar was to introduce the best E-Learning courses and new possibilities of E-Learning at the Estonian University of Life Sciences and to obtain the feedback and suggestions from all partners universities, also discuss possibilities to apply E-Learning courses and develop E-learning courses in the best way and incorporate the highly relevant proposals in the mountain specific multi-disciplinary curriculum development process in higher education system.

The event was organized in order to analyze the current situation concerning the development of MOOCs to be launched under the Project, to discuss the existing and potential challenges, and to present already developed learning materials.

04. Meeting description

The joint meeting had a duration of 5 days (from 20 May to 24 May 2019) and had its venue in the Estonian University of Life Sciences, where most part of the theoretical and practical activities were held.

The first day was devoted to the introduction of theoretical concepts and practical experiences through in-class activities. The coordinator of the project Prof Kalev Sepp from Estonian University of Life Sciences (EMU) opened the meeting and Prof Endla Reintam the Vice-Rector of Studies (EMU) gave welcome greetings to everybody.

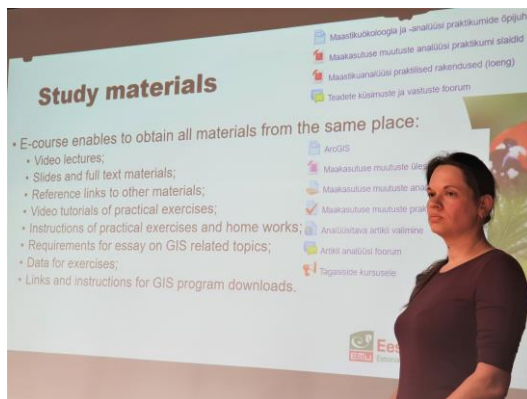
The Head of Doctoral School (EMU) Lilian Ariva introduced briefly the Doctoral School at the Estonian University of Life Sciences. The introduction was followed by presentations and discussion of best practices from Bremen and Tartu. Lecturers were Ülar Allas and Anne Kull from EMU and Dr Yildiray Ogurol from UniHB. In the afternoon, the partner universities had the floor. Martina Salm and Dr Jens Bücking talked about Didactical E-Learning Patterns and E-assessment at UniHB and Dr. Igor Novopashenny introduced good practice examples of E-Learning courses. After that members of the groups discussed what they would like to implement and develop from the presentations and examples. Group discussions were shared by Martina Salm, Dr. Jens Bücking and Dr. Igor Novopashenny.



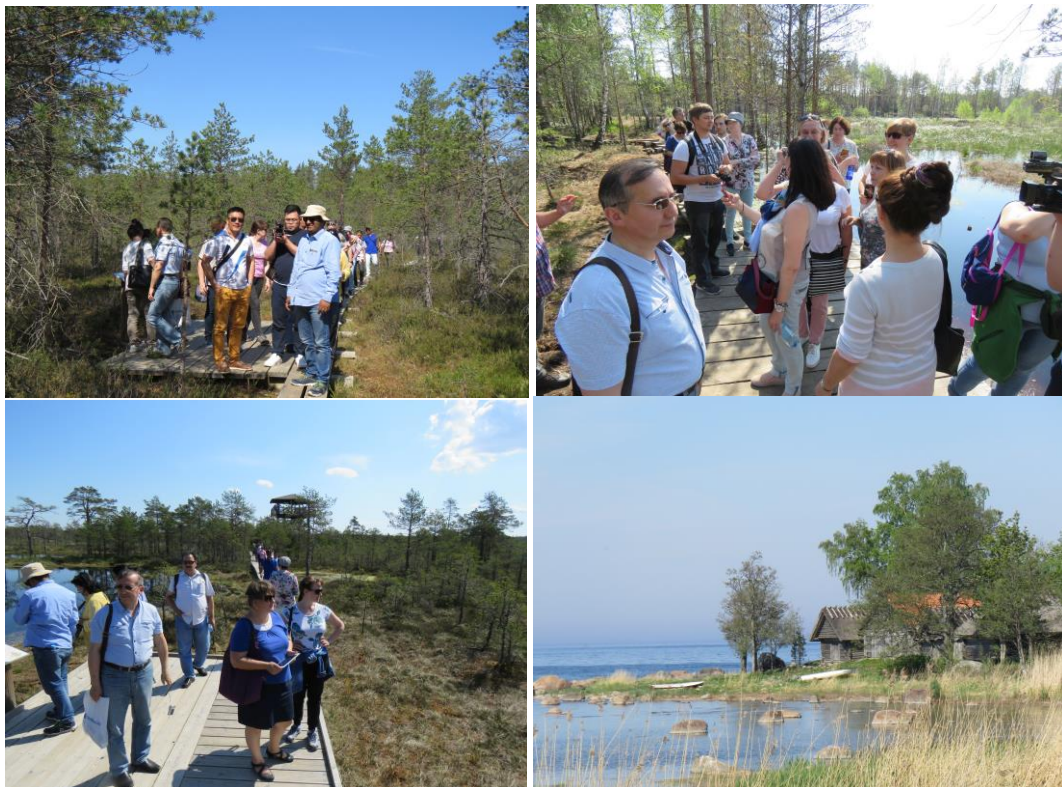
The second day was devoted to IT-training. The partner universities presented their progress in e-learning. The following presentations were heard: E-course and MOOC development experience at National University of Mongolia (Ass. Prof. Ch. Sonomdagva and M.Khatanzorigt); E-Learning courses for SUNRAISER. Good practice examples at RSHU (Dr. Eduard Podgaiski); E-Learning courses for INTENSE. Good practice examples at OSENU (Oleg Shabliy); Risk, Vulnerability and Resilience: Concepts and Understanding (Prof. Bhagwati Joshi); E-Learning courses for SUNRAISER. Good practice examples at SFU (Nina Pakharkova). Presentations were followed by group discussion, where members of the groups were discussing what they would like to implement and develop from the presentations and examples.

In the afternoon all the participants of joint meeting had a possibility to take part in tour at the university which included meetings with research staff and participating at the PhD defending if desired. Tour was led by Aret Vooremäe, Head of the Institute of Agricultural and

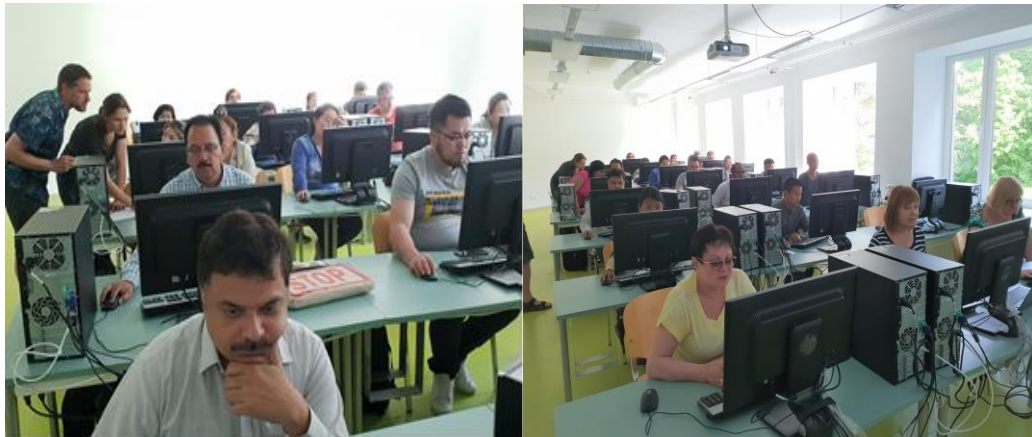
Environmental Sciences, Dr. Katrin Jõgar, Director of academic affairs of the Institute of Agricultural and Environmental Sciences and Prof. Valdo Kuusemets.



On the third day there was a study trip to Lahemaa National Park. The route was as follows: Tartu - Viru Bog - Palmse – Oandu – Altja -Tartu. Located on the northern coast of Estonia, Lahemaa is perfect for a hiking trip and nature watching. For guests it was interesting to see stony and sandy seashores, picturesque bog, pine and cliff forests, rivers that cut into the limestone cliff and erratic rocks left over from the last Ice Age. Lahemaa is one of Europe's most important forest conservation areas, where many large mammals live.



The fourth day was devoted to workshops. Dr Ülar Allas led joint work on interactive and/or audiovisual features of e-courses at computer class after what partners presented and discussed courses what they would like to develop in their universities including course structure, E-learning platform and assignments. The fifth day was for Individual consultations.



05. Results of Seminar

The development of the joint meeting resulted in a very satisfactory experience and very enriching learning process for all participants. The discussions were very enriching and exciting.

The seminar resulted in a set of recommendations for future actions that should strengthen cooperation between transboundary regions and help their sustainable development.

The participants were inspired by the Project and expressed their readiness to support their universities in the implementation. Particular interest was paid to the opportunity of further training for existing staff members through online courses and MOOCs, which should be developed within the framework of the Project. The participants of the meeting agreed to continue the development of the E-learning in accordance with the approved structure.