

### Outline

01. Organizer
02. Participants
03. Seminar objectives
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05. Results



**01.** SUNRAISE project seminar «Sustainable Natural Resource Use in Arctic and High Mountainous Areas» was organized by Siberian Federal University (P6) on January 29-31, 2020 to present and discuss implementation of Massive Open Online Courses (MOOCs) within the framework of international educational project ERASMUS+ «SUNRAISE: Sustainable Natural Resource Use in Arctic and High Mountainous Areas».

**02.** Totally 20 representatives of partner universities took part in the Round table:

#### *In-person*

1. Pakharkova Nina, Siberian Federal University
2. Shashkova Tatyana, Siberian Federal University
3. Karpova Natalia, Siberian Federal University
4. Bezkorovainaiia Irina, Siberian Federal University
5. Borisova Irina, Siberian Federal University
6. Subbotin Mikhail, Siberian Federal University
7. Grenaderova Anna, Siberian Federal University
8. Savchenko Petr, Siberian Federal University
9. Klimova Oxana, Gorno-Altai State University
10. Zhuravleva Olga, Gorno-Altai State University
11. Lurkova Natalia, Gorno-Altai State University
12. Alexeev Denis, Russian State Hydrometeorological University
13. Sanotskaya Nadezhda, Russian State Hydrometeorological University
14. Inyakina Alena, Russian State Hydrometeorological University
15. Fertikova Ekaterina, Russian State Hydrometeorological University
16. Podgaiski Eduard, Russian State Hydrometeorological University
17. Cheremnykh Anna, Russian State Hydrometeorological University

#### *Via Skype*

18. Novopashenny Igor, University of Bremen
19. Jun Zhao, University of Bremen
20. Shkaruba Anton, Estonian University of Life Sciences

**03.** The event was organized in order to analyze the current situation concerning the development of three MOOCs (Sustainable development goals for the Arctic and High Mountains, with implications for policy, management and planning; Introduction to the Arctic environment and permafrost zones, with an overview of biophysical, social and economic systems, available knowledge and science-policy interfaces; and Introduction to the high mountainous environments, with an overview of biophysical, social and economic systems, available knowledge and science-policy interfaces) to be launched under the Project, to discuss the existing and potential challenges, and to present already developed learning materials.

**04.** Nina Pakharkova, Siberian Federal University presented the introduction to SUNRAISER capabilities, e-learning platform where all the MOOCs developed by partner universities shall be placed. Eduard Podgaiski, Russian State Hydrometeorological University presented the course developed by RSHU called «Realization of ideas of sustainable development in Mountain and Polar Regions». Natalia Iurkova, Gorno-Altai State University presented video-lectures developed for the course «Sustainable development of mountain territories».



On January 30, 2020, the participants were preparing educational audiovisual materials in National Park “Stolby” for MOOCs «Introduction to the Arctic Environment» and «Realization of ideas of sustainable development in mountain and Polar Regions». Ekaterina Fertikova, Russian State Hydrometeorological University presented some of the ideas of sustainable development realization in Mountain and Polar Regions for 4-year BSc students in the field of study «Ecology and Natural Resource Use».

**05.** The participants of the Seminar agreed:

- to continue the development of the MOOCs in accordance with the approved structure;
- to select e-book «About Evenk and Taimyr deer» developed by the department of Hunting Resource Studies and Reserve Management and Studies of the SibFU School of Ecology and Geography and presented on the seminar by Petr Savchenko as a part of educational materials used on SUNRAISER.

