

“Development of Massive Open Online Courses  
in Order to Promote Sustainable Development  
of Arctic and High Mountainous Areas”

November 27, 2019  
Gorno-Altai State University  
Gorno-Altai, Russia

### Outline

01. Organizer
02. Participants
03. Round table objectives
04. Round table description
05. Results



**01.** The Round table “Development of Massive Open Online Courses in Order to Promote Sustainable Development of Arctic and High Mountainous Areas” was organized by Gorno-Altai State University (P7) on November 27, 2019, as a breakout session of the 1<sup>st</sup> SUNRAISE conference “Transboundary Regions Under Global Change: Current Challenges and Development Trajectories” (see the 1<sup>st</sup> SUNRAISE conference program and report). Co-organizer of the Skype session from Saint Petersburg was Russian State Hydrometeorological University.

**02.** The participants from India, Bhutan, Estonia and Saint Petersburg were not able to join the event in person due to the cancellation of their flight, which is why it was held via Skype. Totally 20 representatives of partner universities took part in the Round table:

#### *In-person*

1. Klimova Oxana, Gorno-Altai State University
2. Zhuravleva Olga, Gorno-Altai State University
3. Iurkova Natalia, Gorno-Altai State University
4. Safronov Dmitrii, Gorno-Altai State University
5. Pakharkova Nina, Siberian Federal University
6. Sorokina Galina, Siberian Federal University

#### *Via Skype*

7. Joshi Bhagwati, Kumaun University
8. Tiwari Prakash Chandra, Kumaun University
9. Joshi Pawan Kumar, Jawaharlal Nehru University
10. Tripathi Jayant Kumar, Jawaharlal Nehru University
11. Lohmus Lagle, Estonian University of Life Sciences
12. Jaak Kliimask, Estonian University of Life Sciences
13. Henri Järv, Estonian University of Life Sciences
14. Kalev Sepp, Estonian University of Life Sciences
15. Katel Om Nath, Royal University of Bhutan
16. Dorji Phub, Royal University of Bhutan

“Development of Massive Open Online Courses  
in Order to Promote Sustainable Development  
of Arctic and High Mountainous Areas”

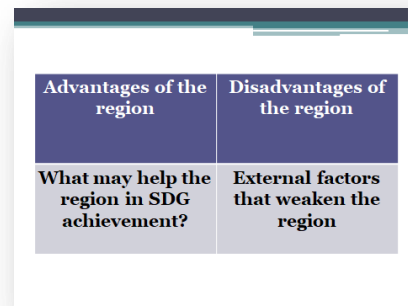
November 27, 2019  
Gorno-Altai State University  
Gorno-Altai, Russia



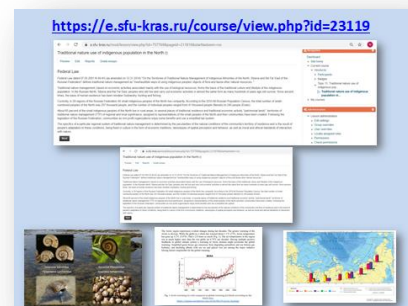
- 17. Sanotskaya Nadezhda, Russian State Hydrometeorological University
- 18. Inyakona Alena, Russian State Hydrometeorological University
- 19. Fertikova Ekaterina, Russian State Hydrometeorological University
- 20. Eduard Podgaiskii, Russian State Hydrometeorological University

**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.** The MOOC “Sustainable development goals for the Arctic and High Mountains, with implications for policy, management and planning” (Russian State Hydrometeorological University and Jawaharlal Nehru University) was introduced by Fertikova Ekaterina. She suggested the course structure in the form of separate case-studies on SDGs to be provided by each partner.



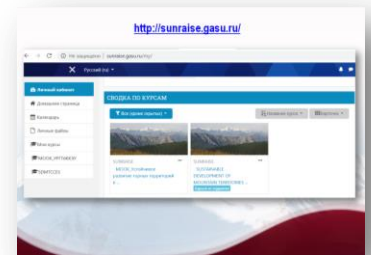
The MOOC “Introduction to the Arctic environment and permafrost zones, with an overview of biophysical, social and economic systems, available knowledge and science-policy interfaces” was jointly presented by Nina Pakharkova (Siberian Federal University) and Eduard Podgaiskii (Russian State Hydrometeorological University).



“Development of Massive Open Online Courses  
in Order to Promote Sustainable Development  
of Arctic and High Mountainous Areas”

November 27, 2019  
Gorno-Altai State University  
Gorno-Altai, Russia

Natalia Iurkova (Gorno-Altai State University) reported on the MOOC “Introduction to the high mountainous environments, with an overview of biophysical, social and economic systems, available knowledge and science-policy interfaces” jointly developed with the colleagues from Kumaun University. She suggested changing the title of the course to “Sustainable development of mountain territories in the context of the concept of ecosystem services” taking into account the content of learning materials to be included into the course. She also noted that the course will be bilingual (two identical versions are being developed – in English and in Russian), and the new title would sound better in Russian.



**05.** The participants of the Round table agreed:

- to continue the development of the MOOCs in accordance with the approved structure;
- to post the MOOCs 1 and 2 on <https://e.sfu-kras.ru/course/view.php?id=23119> and the MOOC 3 on <http://sunraise.gasu.ru/>, keeping in mind the possibility for the replacement of all learning materials to one of the special MOOC platforms when possible; relevant links will be provided from the SUNRAISER platform <http://sunraise.sfu-kras.ru/sunraiser>;
- to approve the proposal to change the title of the MOOC 3 to “Sustainable development of mountain territories in the context of the concept of ecosystem services”;
- to schedule the next seminar on the development of SUNRAISE massive open online courses
  - for January 2020 for Russian partners (to be organized by Siberian Federal University);
  - for March 2020 for all Project partners (to be organized by Kumaun University).