

Piloting MOOCs on «Sustainable Use of Natural Resources in the Arctic and High Mountainous Areas»

Siberian Federal University Krasnoyarsk, April 8-9, 2021





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01. Organizers

This event was jointly organized by Siberian Federal University, Gorno-Altaisk State University, and Russian State Hydrometeorological University. List of participants:

- Iurkova Natalia, Assistant to the Rector for International Affairs, GASU
- **Tatiana Iashina**, Head of Altai-Sayan Mountain Partnership / Deputy Director for Science, Katunskyi State Biosphere Reserve (online)
- Kireeva Darya, Associate Professor, Gorno-Altaisk State University
- Anna Maimanova, Deputy Director for Ecological Awareness, Katunskyi State Biosphere Reserve (online)
- Anastasia Garmash, Head of International Cooperation Centre, Siberian Federal University
- Pakharkova Nina, Associate Professor, Siberian Federal University
- Tatiana Shashkova, Associate Professor, Siberian Federal University
- Sorokina Galina, Associate Professor, Siberian Federal University
- **Denis Alexeev**, Russian State Hydrometeorological University (RSHU)
- Yana Skorik, Russian State Hydrometeorological University (RSHU)
- **Elena Shikalova**, Deputy Director for Science, Sayano-Shushenskiy Biosphere Reserve (online)
- Anastasia Knorre, Deputy Director for Science, "Stolby" National Park

02. Meeting objective

The event was mainly aimed at promoting the MOOCs «Introduction to the Arctic environment and permafrost zones, with an overview of biophysical, social and economic systems, available knowledge and sciencepolicy interfaces» and «Sustainable development of mountain territories in the context of the concept of ecosystem services» developed within the framework of the SUNRAISE project and

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their presentation to potential users not only from HEIs but also to the authorities of two protected areas (PAs) of Krasnoyarsk Krai – Sayano-Shushensky State Nature Reserve and Krasnoyarsk Stolby National Park.

03. Meeting description

On April 08, the MOOCs developers from SFU, GASU, and RSHU met with the academic staff of the Department of Ecology and Environmental Management and Centre of Ecotoxicology and Ecological Security to discuss how the courses or their separate parts can be used for educational process, including further education courses, in the best possible way. It should be mentioned that the all the participants had an opportunity to get to know the MOOCs' content in advance and give their professional feedback.

In the afternoon, there was organized an offsite meeting with the staff members of Krasnoyarsk Stolby National Park. The Project team of SFU, GASU, and RSHU reported the intermediate SUNRAISE results and presented the SUNRAISE MOOCs. For her part, Anastasia Knorre, the Deputy Director of the Park, told the colleagues about its research and awareness-raising activities and organized a quick tour of the park area and its facilities.





On April 09, the SUNRAISE MOOCs were introduced to the colleagues from Sayano-Shushenskiy Biosphere Reserve (via Skype). Elena Shikalova, Deputy Director for Science, commended the quality and usefulness of presented courses. She



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also emphasized that they could become a good addition to the teaching and learning materials already used by the Reserve staff, especially considering the fact that they all are free of charge and available online.

Later colleagues from Krasnoyarsk Stolby National Park, Katunskyi State Biosphere Reserve and Altai-Sayan Mountain Partnership also joined the event (online) and it turned into the working meeting of members of the Stakeholder-Academia Collaboration Platform for Sustainable Development of the Altai-Sayan Ecoregion. The participants discussed the common problems and possible ways to their solution.

04. Results

All meetings turned out to be very intensive and fruitful. The MOOCs developers received positive appraisal of their work. The representatives of PAs expressed their willingness to use the presented SUNRAISE courses or their separate parts for training their staff and visitors. The partners also discussed how to make the cooperation between HEIs and PAs of the Altai-Sayan Ecoregion even more productive and mutually beneficial. They made a list of possible research projects, and outlined the framework and preliminary timeline for other joint activities. The next meeting of the Stakeholder-Academia Collaboration Platform members in a blended format was scheduled for the first half of October.