**REPORT
on the use of equipment purchased by
Siberian Federal University under the
SUNRAISE project**

For the successful implementation of the project, we have outlined the equipment list required for establishing the productive learning environment and creating the tangible outcomes of the deliverables produced even after the project completion.

The facilities for e-learning courses development were considered as essential for the implementation of proposed MSc/MA and PhD courses within the SUNRAISE project.

Within the framework of the project, SibFU team elaborated 6 e-learning courses which fostered practical and useable skills among students via on-line lectures, tasks, tests, dictionaries, Wiki and other components. To enhance courses' attractiveness and encourage effortless learning, lots of video- and photo materials of good quality collected in mountain areas and Arctic part of Eurasia were successfully made and uploaded.

The set of computer devices such as laptop, tablet and display were applied to line up collected materials for further processing in the fields. As a result, the students experienced the advanced visual design and developed their competences 4 to 5 times faster. Furthermore, learning on-the-go enabled them to remain active and engaged in the process anytime and anywhere.

The following equipment was used to obtain high-quality photo and video thus arranging appropriate illustrative materials for the courses developed within SUNRAISE program:

#	Title and Description
1.	Hard disc Drive 2,0Tb WD WD20EZRZ (1 unit)
2.	SSD Samsung 860 PRO MZ-76P256BW (2 units)
3.	Video card GeForce GTX1070Ti Palit SUPERJETSTREAM (1 unit)
4.	Power adapter Thermaltake TR2 S (1 unit)
5.	Tablet Lenovo Tab 4 TB-X704L Screen size 10,1" (5 units)
6.	Laptop Dell Vostro 5370 Screen size 13,3" (8 units)
7.	Creative Pen & Touch Display WACOM Cintiq Pro 13 (2 units)
8.	Photo camera Sony Alpha A7M3 Body (Sony A7 Mark III) (1 unit)
9.	Photo Sony Alpha A7S II Body (A7S Mark II) (1 unit)
10.	Lens Sony 24-105mm f/4 G FE (SEL24105G) (2 units)
11.	Lens Sony FE 90mm f/2.8 Macro G OSS (SEL90M28G) (2 units)
12.	Speed light Godox Witstro AR400 (2 units)
13.	Speed light Sony HVL-F60RM ADI-TTL (2 units)
14.	Tripod Manfrotto MKELES5BK-BH Element Traveller (2 units)
15.	Photo camera Sony Cyber-shot DSC-RX100 II (2 units)
16	System unit Aldo (2 units)
17.	Monitor display 21.5" Dell (2 units)
18.	Laptop Digma 11.6" CITI E220 (2 units)
19.	Laptop Asus 15.6" R541NA-GQ419T (1 unit)
20.	MFD Kyocera FS-1120MFP (1 unit)
21.	Motherboard S1151v2 Z370 Asus PRIME Z370-P (1 unit)
22.	Processor unit Intel Core i5-8600 (1 unit)
23.	Cooler Zalman CNPS9X Optima (1 unit)
24.	DDR RAM Kingston HX430C15PB3K2/32 (1 unit)

EQUIPMENT-IN-ACTION

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Tablet Lenovo and Creative Pen & Touch Display WACOM made it easy to explain concepts visually, encourage collaboration and support flipped and distance learning programs.

Photo camera Sony Cyber-shot was used in on-site observations of environment processes around. Great quality to notice each item around!

MSc program "Ecology and Environmental Management"
 Programs (a) Sustainable development and environmental safety (b) Environmental monitoring
Developed course:
Environmental biomonitoring

Video-lectures recording process. Inevitable in times when the pandemic has dramatically challenged the offline learning.
BSc program "Ecology and Environmental Management"
Developed courses:
Biogeochemistry of permafrost landscapes
Natural resource potential of regions
Soil ecology
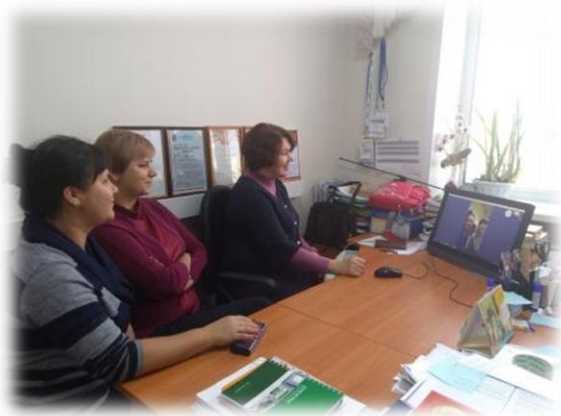Sustainable development
Plant Ecology

MFD Kyocera provides valuable assistance in terms of providing all the scanned copies timely to pursuit the SUNRAISE goals

Meetings with stakeholders and potential employers for the graduates that completed the SUNRAISE courses conducted

Online meetings with the project team for regular discussion of joint initiatives

The School of Ecology and Geography (Siberian Federal University, Krasnoyarsk, Russia) installed and maintained the purchased facilities which are used by academic and research staff, PhD students on a regular basis. The developed courses are regularly applied in teaching process of BSc and MSc programs in the field of study "Ecology and Environmental Management" and other education programs.