



School of the young scientists on Biogeochemical Matter Cycling in Permafrost Ecosystems (PerSyst–2014)

September 22—24, 2014, Krasnoyarsk, Russia

Organized by the International Laboratory “Ecophysiology of Permafrost Systems” of V. N. Sukachev Institute of Forest SB RAS

V. N. Sukachev Institute of Forest SB RAS is pleased to invite M.Sc. and Ph.D. students for participation in the School of the young scientists on “Biogeochemical Matter Cycling in Permafrost Ecosystems”. The school will be held in September 22—24, 2014 in Krasnoyarsk.

Goal

The summer school aims to introduce interested students to the background, recent findings, and methods in researching into matter fluxes and the underlying biogeochemical processes of permafrost ecosystems.

Topics

- Vegetation of permafrost regions:
 - Biomass analysis and organic matter storage
 - Vegetation types of permafrost regions
 - Vegetation shift
- Climate/hydrology of permafrost regions:
 - Climatic development in the Holocene and particularly the last 100 years
 - Precipitation pattern and riverine discharge
 - Taliks
 - Forms of permafrost degradation, including thermokarst
- Soils of permafrost regions:
 - Soil distribution of permafrost regions
 - Processes of soil formation, i.e., soil weathering and pedogenic mineral formation
 - Soil organic carbon storage
 - Gas exchange between soil and atmosphere
 - Dissolved matter (inorganic, organic) losses from permafrost soils

Docents

Prof. Dr. Georg Guggenberger

*Institute of Forest SB RAS, Krasnoyarsk, Russia, Head of the International Laboratory "Ecophysiology of Permafrost Systems";
Leibniz Universität Hannover, Germany, Director of Institute of Soil Science*

Dr. Svetlana Evgrafova

Institute of Forest SB RAS, Krasnoyarsk, Russia, Senior Researcher

Dr. Sergei Im

Institute of Forest SB RAS, Krasnoyarsk, Russia, Senior Researcher

Prof. Dr. Vyacheslav Kharuk

Institute of Forest SB RAS, Krasnoyarsk, Russia, Head of laboratory

Dr. Leonid Krivobokov

Institute of Forest SB RAS, Krasnoyarsk, Russia, Senior Researcher

Dr. Mikhail Korets

Institute of Forest SB RAS, Krasnoyarsk, Russia, Senior Researcher

Dr. Robert Mikutta

Leibniz Universität Hannover, Germany, Associated Professor of Institute of Soil Science

Dr. Anatoly Prokushkin

Institute of Forest SB RAS, Krasnoyarsk, Russia, Head of Laboratory

Dr. Vera Ryzhkova

Institute of Forest SB RAS, Krasnoyarsk, Russia, Senior Researcher

Dr. Leopold Sauheidl

Leibniz Universität Hannover, Germany, Head of Laboratory

Dr. Olga Shibistova

Institute of Forest SB RAS, Krasnoyarsk, Russia, Senior Researcher

Itinerary

The detailed schedule of the school will be the part of second information letter we tend to circulate in the middle of August.

Registration

Participation in the School is free of charge to register for the event one needs to fill out the registration form below and send it to galinaz@ksc.krasn.ru. The subject of the email must be “SSP—2014 Registration”.

Registration form for SSP—2014:

1. Name (last, first, middle)
2. Sex
3. Date of birth (dd.mm.yyyy)
4. Institution, City, Country
5. Position/year of study (e.g., “Junior researcher”, “Ph. D. student, 1st year”, “B. A. student, 3rd year”, “M. Sc. student, 2nd year”)

Deadline for submission of registration forms is August 15, 2014.

Contact

For any questions concerning the School, please feel free to contact
Dr. Galina Zrazhevskaya: galinaz@ksc.krasn.ru