

*ADVERTISING*

**CONTACT AND VISIT US IN THE KOLYMA REGION  
FOR JOINT RESEARCH!**

The North-East is a resource base of strategic importance and, according to the development plans of the Russian Federation, in the near future it should become one of the most dynamically developing regions located in the permafrost zone. In this regard, it becomes relevant to study the response of all components of the natural environment to climatic and anthropogenic impacts.

The team of North-Eastern Permafrost Station (NEPS) of Melnikov Permafrost Institute, SB RAS located in Magadan, seeks for cooperation in various fields of research on natural processes in the North-East and their impact on society.

In 2020, an initiative group of young hydrologists has moved to work in Magadan and is ready to assist in organizing and conducting scientific research in the North-East of Russia.

Our main research sites (the Anmangynda aufeis and the Kolyma water balance station, KWBS) are located along the Tenkinskaya highway in the Magadan region, we also conduct research in Kyubyume (the federal highway of Kolyma R-504 in Eastern Yakutia). We are carrying out the studies, the purpose of which is to assess changes in the conditions of water exchange of groundwater and surface waters in natural and disturbed conditions, establish the sources of river runoff, forecast changes in the hydrological conditions of rivers in the North-East of Russia. At the research plots, we investigate the dynamics of formation and ablation of aufeis; the monitoring gauges have been equipped to determine hydrogeological, hydrometeorological and



**The Anmangynda aufeis in summer.**



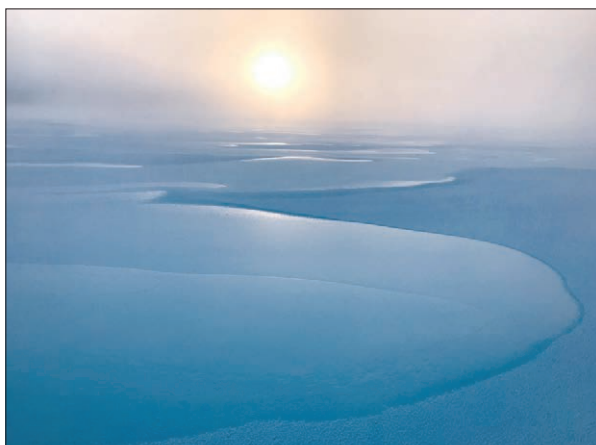
**The view of the Kolyma water balance station.**



**The team and the transport.**



**Hydrological observations.**



**The formation of the Anmangynda aufeis.  
December 2020.**



**Winter work.**

geocryological characteristics, including sampling for isotopic and hydrogeochemical analysis; geophysical and drilling operations are planned to establish permafrost-hydrogeological conditions.

NEPS has a vehicle (seven-seater jeep) to move around research objects in the Magadan Region and Eastern Yakutia. There is a three-room apartment with heating and hot water, as well as an excellent view of the nearby mountains located in the town of Ust-Omchug. The house with a stove is available for living in the Stokovoye (KWBS).

We have collected a large array of hydrometeorological and other observational data over a long period, based on which it is possible to conduct studies of the impact of climate change on the natural processes of the region. We have here the equipment and implements necessary for carrying out field work. The established contacts with the local administration and the business community will make it possible to quickly and efficiently organize scientific work at the highest level.

**Within the framework of cooperation, we will be glad to:**

- meet you at the Sokol (Magadan) airport;
- provide living arrangements in the city of Magadan and at our facilities adjacent to research sites in the Magadan region;
- provide transport for people and goods to the research sites;
- install equipment and monitor environmental characteristics, collect samples;
- receive students and young scientists for research and upon arrival to the Magadan region provide them with everything they need;
- collect archival data from organizations of the Magadan region;
- assist in carrying out a range of field work in permafrost, hydrology and other fields of Earth Sciences;
- represent your interests in the region and resolve all issues on the local level.

Welcome to our hospitable land!

**CONTACT DETAILS**

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