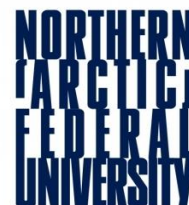


Expedition Project “Arctic Floating University -2018” «Terrae Novae»



Expedition Dates: July 21- August 9, 2017

Expedition Duration: 20 days

Expedition Organizers: Northern (Arctic) Federal University named after M.V. Lomonosov; Roshydromet.

Expedition Route: Arkhangelsk – Russkaya Gavan' Bay (Novaya Zemlya) – Malye Oransky Islands – Zhelaniya Cape – Murmantsa Bay (Gemskerka Island)– Ledenaya Gavan` Bay – Middendorfa Cape – Noviy Bay – Shubert Bay – Litke Bay – Kurochkina Cape – Menshikov Cape – Varnek (Vaigach Island) – Bugrino (Kolguyev Island) – Solovetsky Islands – Arkhangelsk.

Expedition participants:

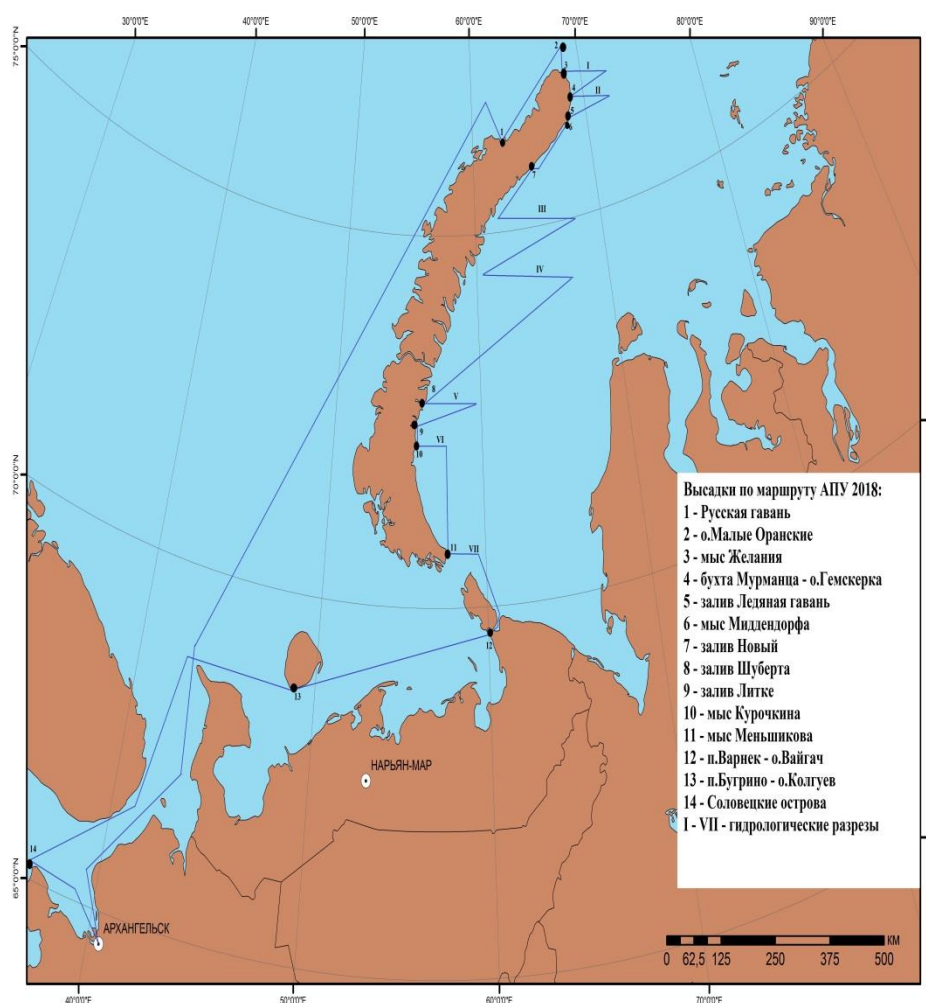
58 people (students, post-graduate students, research fellows of both Russian and foreign scientific and academic institutions)

Partners participating in the expedition:

Russian Geographical Society, Russian Arctic National Park, Lomonosov Moscow State University, University of Geneva, University of Lausanne, Federal Polytechnic School of Lausanne.

Aims of the expedition:

- *acquiring new knowledge about the state and changes in the ecosystem of the coastal areas of Novaya Zemlya archipelago;*
- *training of young specialists of the Arctic-focused specialties: hydrometeorology, ecology, arctic biology, geography, ethnopolitology, international law etc.;*
- *development of scientific and educational cooperation with the Arctic Council countries in the framework of the high-latitude Arctic expeditions;*
- *popularization of the Russian scientific, historical, cultural and natural heritage and polar specialties among the youth, development of patriotism within the country and promotion of the Russian Arctic concept both in national and international space.*



RESEARCH PROGRAM:

- ✓ assessment of state and degree of contamination within the local island territories of the former economic activities in the areas of work for the elimination of accumulated environmental damage;
- ✓ study of the species diversity of living organisms and populations in the Novaya Zemlya archipelago and adjacent waters in the context of climate change;
- ✓ study of hydrological regimes of the Barents and Kara Seas;
- ✓ study of historical and cultural heritage of the Russian Arctic National park for the purposes of development of tourism and educational activities;
- ✓ integrated monitoring of changes in the vegetation cover of the arctic tundra transition zones in the context of climate change;
- ✓ study of adaptive mechanisms of the human organism to the conditions of the High Arctic.

EDUCATIONAL PROGRAM:

- ✓ formation of students' interdisciplinary knowledge about Arctic region through the demonstration of the natural complex and historical and cultural heritage of the Russian sector of the Arctic.

EDUCATIONAL MODULES:

- Arctic climate;
- Arctic hydrometeorology;
- Study of Arctic biodiversity and Arctic and Subarctic regions of the European North of Russia;
- Oceanology of the Arctic seas;
- Cryogenic processes and modern changes of the Arctic Ocean ice sheet;
- Arctic seas and coastal areas ecology;
- History of the Arctic region;
- Arctic in the system of international relations;
- Arctic legal framework;

As a result of conducted research works a collection of articles is planned to be released, as well as holding a conference for students and young scientists

Price: 330 000 RUB

Please submit your application by the **closing date: 15 December 2017.**

* Price does not include visa related costs.