

# Arctic Floating University - 2016

## FIRST ANNOUNCEMENT

We are pleased to inform you that Northern (Arctic) Federal University in cooperation with Northern Branch of Russian Federation Agency for Hydrometeorology and Environmental Monitoring (ROSHYDROMET) organize the marine research and education expedition «Arctic Floating University – 2016».

We are inviting scholars, graduate and postgraduate students to take part in the expedition!

The expedition will be held **from 10 till 30 July 2016**



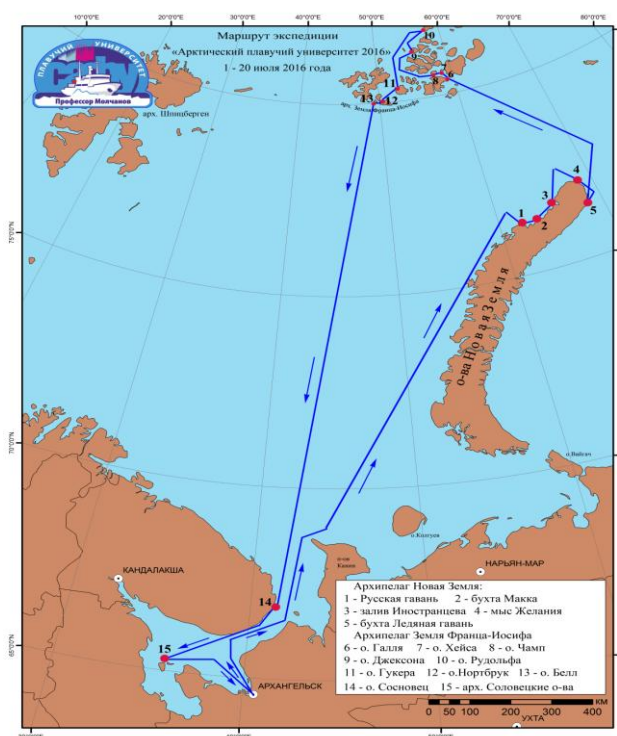
**Co-organizers:** Arkhangelsk department of Russian Geographical Society, “Russian Arctic” National Park

**Expedition route:** Arkhangelsk – Novaya Zemlya: Russkaya Gavan’ Bay, Mac Bay, Inostrantsev Bay, the Zhelaniya Cape, Ledyanaya Gavan’ Bay – Franz Josef Land: Hall Island, Hess Island, Champ Island, Jackson Island, Rudolf Island, Hooker Island, Northbrook Island, Bell Island – Sosnovets Island – the Solovetskie Islands – Arkhangelsk.

**Expedition participants:** 56 people (students, post-graduate students, research fellows of both Russian and foreign scientific and academic institutions)

### **Aims:**

- acquisition of new data about the ecosystem condition and changes in the costal areas of Western part of the Russian Arctic zone islands and archipelagos;



*- training of young specialists for provision of sustainable development and research in the Arctic zone with the help of expedition educational program in the following spheres: meteorology, geography, Arctic biology, ethnopolitology, historical and legal issues in the Arctic region;*

### **Expedition scientific and research tasks:**

- assessment of the conditions and degree of contamination of the local island territories of the former industrial activity zones in the areas of work for the elimination of accumulated environmental damage in Novaya Zemlya and Franz Josef Land;
- study of the species diversity of the living organisms and populations at Novaya Zemlya and Franz Josef Land archipelagoes and adjacent waters in the context of climate change;
- comprehensive monitoring of changes in the vegetation of the Arctic tundra transition zones in the context of climate change;
- study of the historic and cultural heritage of the Russian Arctic national park in order to develop tourism and educational activities;
- study of human body adaptation mechanisms to the conditions of high latitudes in the Arctic;

### **Educational Modules:**

- Biology
- Ecology
- Soil chemistry
- Hydrometeorology
- Geoinformation monitoring
- History and culture studies
- Psychophysiology

### **Facilities**

All expeditions are organized on the research-vessel “Professor Molchanov”. Originally built in 1982 for the Russian Hydro-Meteorological Service the R/V “Professor Molchanov” has been refurbished to accommodate a maximum of 80 passengers and staff.

The vessel is a steel-hulled, ice-strengthened ship for the Arctic supply and oceanographic research, completely refurbished to meet both passenger and

oceanographic needs. The R/V complies with international environmental and safety standards.

The R/V “Professor Molchanov “ has all the necessary facilities for organizing the educational process, laboratory and practical research . Public areas feature a large dining room, an observation lounge, a conference room with modern multimedia equipment, three laboratories, and a small infirmary with ship doctor.

### **Financing**

An organization of the expeditions is carried out by means of co-financing by the organizations participating in the project.

A participation fee per person is 285 720 thousand rubles. The fee covers: accommodation (the bed in the cabin, meal, and network connection), the transport expenditures and administrative costs during expedition.

### **Deadline for applications**

December 15, 2015

### **Contact information:**

Konstantin Zaikov, Director of Arctic Center for Strategic Studies  
k.zaikov@narfu.ru, mob. tel. 7 953 266 0586