

**Federal State Autonomous Educational Institution of Higher Vocational Education  
M.V. LOMONOSOV NORTHERN (ARCTIC) FEDERAL UNIVERSITY,  
FEDERAL FOREST AGENCY (ROSLESHOZ)  
Federal Budget Institution “NORTHERN RESEARCH INSTITUTE of FORESTRY”,  
ARKHANGELSK REGION ADMINISTRATION,  
ARKHANGELSK REGION DEPARTMENT OF NATURAL RESOURCES**

on the **4-9<sup>th</sup> of September 2012** will carry out the All-Russian  
symposium with international participation on  
**«NEW CHALLENGES OF PRE-TUNDRA FORESTS»**,  
combined with International Forum on «Forest Management Problems on the  
European Russian North»

**DEAR COLLEGUES!**

**We invite you to participate in the All-Russian symposium  
«NEW CHALLENGES OF PRE-TUNDRA FORESTS»**

*The aim of the symposium is to attract the attention of scientists, public organizations and nature users to the problem of preservation and efficient usage of numerous values and protection functions of the extreme northern forests of the planet.*

Pre-tundra forests area is about 40 million ha of specific circumpolar zone of landscapes extending on the northern «front» of Eurasia and America. Their main mission is climate- protection. They serve as an effective barrier for arctic anticyclones (bodies of cold air) arrival to the continent. It's an evolutionally formed biome on the areas of highly unstable and dynamic contacts of tundra and taiga complexes, which plays the role of biosphere level ecotone responsible for important membrane integrational-filter functions for migratory living matter. Owing to their geographic location pre-tundra forests serve as an indicator for assessment of landscape areas boundaries changes which is the most important in the view of global climate changing.

The main themes of the conference:

1. Nature, geography and mission of the pre-tundra forests.
2. Global climate changes and forest ecosystems.
3. Subarctic ecosystems in the conditions of technogenesis.
4. Social-ecological and economic integration of nature management in the Subarctic.
5. Problems of streamlining in forest management.
6. Recreation- tourist usage of pre-tundra forests.
7. Conventional forest use in cultural traditions of the peoples of North.
8. Soil cover of the by-tundra forests.
9. Youth section for the pre-tundra forests.

On the base of these themes forming of 3-4 work groups will be provided.

On the conference the following problems requiring complex collaboration will be discussed:

1. *Establishment with FAO support of a system of polygon providing aerospace monitoring of ecosystems of pre-tundra and mountain northern forests zones according to unified program.*
2. *Founding of international pre-tundra research club with young scientists involvement. Elaboration and realization of research program providing international expeditions of the circumpolar scale.*
3. *Development of proposals for increase of protective climate-forming status of pre-tundra forests of Russia and other countries.*
4. *Arrangement of international scientific project «Social-historic mission, geography and landscape-geobotanical structure of pre-tundra forest ecosystems, development of regional management systems».*
5. *Discussion of the project «Organization of target specialist training: forester-ecologists (local population) for working in pre-tundra forests, development of training programs, and tutorial «Pre-tundra forestry».*

### **Lectures**

According to emphasized subject areas plenary and sectional sessions are planned. Reports of Russian and foreign scientists are submitted for the plenary sessions.

For the sectional sessions there are proposed two representation forms: oral and poster reports. Time for oral report for the plenary session is 30 min, for the sectional – up to 15 min.

### **Conference Language**

The official languages of the conference will be Russian and English.

### **Registration**

Registration of the symposium participants is held up to the 1<sup>st</sup> of February 2012. Registration form should be addressed to the Organizing Committee by e-mail with acknowledgement of the receipt.

### **Registration form**

- |  |                                   |
|--|-----------------------------------|
| 1. Last name, First name   | 5. E- mail                        |
| 2. Co-author (-s)  | 6. Contact phone number with code |
| 3. Academic degree, academic status, position, organization name | 7. Prior report title             |
| 4. Post address  | 8. Report form                    |

**After the draft program is formed, at the latest June, 15 you will receive the 2<sup>nd</sup> Information Letter.**

### **Symposium proceeding**

Report materials with a volume up to 5 printed pages are published in the author`s version. Text format should be Font is 12 «Times New Roman», line spacing – 1.0. Papers accepted for the symposium Program should be sent to the Organizing Committee by e-mail at the latest **April, 1, 2012.**

A collection of reports (CD) in Russian and English publication, and (or) its placement in the special issue of «Lesnoy journal» is planned.

Editorial board of the Organizing Committee receives the right of select manuscripts according to symposium themes.

### **Conference Fees**

The conference fee for participants costs 300 euro (paid on arrival).

### **Committee Contact Addresses**

Embankment of the Northern Dvina River, 17, Northern (Arctic) Federal University, Department of Forestry and Forest Soils, 163002, Russia

### **Symposium Committee Secretariat**

*For Russian participants:*

Nakvasina Elena (8182 21-61-74)

E –mail: [nakvasina@yandex.ru](mailto:nakvasina@yandex.ru)

*For foreign participants:*

Demidova Natalia (8182 61-26-79).

E –mail: [forestry@ptl-arh.ru](mailto:forestry@ptl-arh.ru)

### **Field Excursions**

Symposium Program includes 2 field excursions.

**Tour 1** – Get-to-know bus tour to the forests of Izhenskoe Lesnitchestvo (50 km north from Arkhangelsk City). Tour time is 1 day (September, 8). It includes acquaintance with demonstration objects and lunch. Returning to Arkhangelsk at latest 7 p.m. Tour costs (including transfer and lunch) – 22 euro.

**Tour 2** - Excursion on forest and tundra landscapes, and historic places of Solovki archipelago. Tour time is 2 days (September, 8-9). Departure to Solovki and return to Arkhangelsk is by charter flight. Approximate time of return is 5 p.m. to Vas'kovo airport. There will be transfer to Talagi airport or to the railway station. Approximate tour costs — 500 euro, it includes air tickets, accommodation, visiting B. Zayatskiy Island with three northern taiga landscapes (northern taiga, pre-tundra and tundra).

Tour applications are assumed up to **May, 15, 2012**. Tour payment – on arrival to the symposium.

**Symposium Program includes visiting of the Museum of Wooden Architecture «Malye Karely» which is situated in 30 km from Arkhangelsk.**

**The Organizing Committee would appreciate propagation of the Symposium information among concerned colleagues working on the northern forest, nature users and region ecologists.**