

## **B09-P03**

### **IMPORTANCE OF NORTHERN RESOURCES OF YAKUTIA AND ECOLOGICAL ASPECTS OF ARCTIC DEVELOPMENT**

Anisiia Kuzminichna Lazareva (*North-Eastern Federal University, Russian Federation*)

ralys@rambler.ru

Sakha Republic of Yakutia is the biggest and the richest region of Russia. That's why there are a lot of industrial developments connected with oil, gas, coal and other natural resources. Large industrial corporations are developing fields in Yakutia. Such megaprojects as 'East Siberia – Pacific Ocean' and 'Sila Sibiri (Power of Siberia)' pipelines, which supply Asian countries with gas and oil, got their start with the resources of Yakutia. All that industrial activity, of course, somehow develops the country and brings a lot of profit for the state and private structures but their work keeps a real danger for Russian Arctic. In this case we can study categories of northern resources' importance for Russia such as:

- Economic profits and role of the northern resources in global development and economic progress – statistics information with tables and graphics, how much countries are supplied with oil and gas from the Russian North;

- Prospects for Yakutia from mining – how it can be used, what should be done, which benefits Yakutia can get from extracting northern resources on the sake of the Arctic and people living here;

- Ecological aspects of field's development and extraction activity for northern environment, its influence on natural balance, about consequences for people, about the level of ecological damage and its economic value and cost; and about how to prevent it and calculate economic advantages from it for the state.

By doing all these we will be able to prove a real importance of the northern resources that are extracted in Yakutia to Russian and world economies. Moreover, it will show importance for the Arctic itself because it provides new opportunities for development. Anyway, the meaning of the northern resources is increasing day by day due to their prospects and the fact that other (not northern) resources run out.