

## **21<sup>ST</sup> CENTURY CONCEPTION OF GEOLOGICAL EDUCATION IN RUSSIA**

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Geological education in 21st century is determined by two factors: 1. the significance geology for socio-economic development and 2. the place of geological knowledge in general structure of education.

The mineral raw material base is the source of russian economic capacity and this demands its development in 21st century. This will be possible by development theoretical and applied aspects of geology and improve professional geological education. This can be realize by teaching students in special technical secondary schools, colleges and higher scools on the basis of 4, 5 and 6 years educational programmes. New derections: ecology, economic-prescription and the menagement in the bowels use. Especially important are educational, specialize and practical field and laboratory training realizing unity of fondamental and practical education.

The role of geological education is very important as for promotion geological competence of russian society as for intellectual development of every person for fortify country's ecological security. The education society in geology is such important as in other fondamental natural sciences. The ignorance of geology leads to errors and financial loss. blunder in realisation technical projects, natural-ecological disasters etc.

It is impossible to form the scientific outlook without knowledge principles of geology. So, organization of continuous geological education from pre-school up to post-higer education is the problem for realization. It is necessary to create texbooks, preparation teachers of geology for non-geological educational organizations. These principal positions are in the basis of conception of geological education accepted by Ministry of Education and Ministry of Natural Ressources of Russia.