

Sustainable Development of Humanity and Geology

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The sustainable development should mean the minimization of human's influence upon nature and the orientation to saving of richness of the environmental world. Since when living and developing it is impossible to keep whole environment safe it is necessary to work out principles regulating what can be done and what cannot. They can be the following:

Principle 1: Conservation of unique natural objects and transition to using common sources of raw materials and energy for consumers needs.

Principle 2: Preferential use of restorable resources, multi-cycle use of raw materials and energy.

Principle 3: Use of only a small part of available resources.

The XXI century must become the beginning of the civilized attitude towards all nature, its superficial and geological objects. There is no place for applied geology the aim of which is to discover – for further liquidation – unique natural objects. Its role is exhausted and it must die out.

New functions of geology are to research and protect natural objects. To carry out them a number of organizational problems must be resolved.

First. There should be an International Convention on protecting natural objects including geological ones. In the framework of such Convention each state shall voluntarily undertake obligations on the protection of its own natural objects.

Second. It needs to create the Atlas of unique geological objects including deposits.

Third. The prime goal is to create the Red Book of unique deposits of minerals as objects being under the protection of humanity.