

ENVIRONMENTAL GEOLOGY - AN INTERDISCIPLINARY BRANCH OF GEOLOGICAL SCIENCES

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Environmental geology is an interdisciplinary science as within the system of geological sciences as in its position at the boundary of ecology, geography, technical and socio-economic sciences. It analyses all environmental aspects of the geoenvironment taking into account knowledge of all geological sciences, and, according to the aims of projects, relevant knowledge of some other above mentioned sciences. It deals with rational means of the geoenvironment exploitation, solving of problems of man's interference with geoenvironment and with proposals of the environment protection from harmful geological processes.

An environmental geologist must work systemic on the basis of all components of the environment and their mutual connection estimation, and, at the same time prognostically on the basis of fore-casting of natural development as well as possible changes of the geoenvironment due to man's intervention. On the basis of such estimation he may put forward proposals of rational use of the geoenvironment or its protection against undesirable natural or by human activities induced geological processes. According to the nature and difficulty of the problems he solves the tasks alone, in co-operation with other specialists or orders their solving from specialised establishment.