

GEOLOGICAL PSYCHOLOGY. NEW BRANCH OF KNOWLEDGES ON THE JUNCTION OF GEOLOGY AND PSYCHOLOGY.

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The geological psychology is a new undergoing development scientific direction born at the turn of geology and psychology and studying mental specificity of arising under geological research of the Earth interactions the subject - object (the Person - the Earth) and the subject - the subject (the Person - the Person) with task to evaluate of quality and reliability of received data, to develop highly reliable geological-research systems and to create conditions to show maximally persons worth within these systems. The geological psychology is oriented on a solution of the following major tasks within stages of organization, realization and evaluation geological researches data:· Psychological-professional structurization of geological-research problems and technologies on their complexity, hierarchy, requests to quality and reliability of data.· Preparation for concrete geological - research problems of adequate professionally - organizational structures as specialized small groups, small collectives, establishment of optimum vertical and horizontal connections between them.· Study of the expert's motivation system, evaluation of their pretension level, and development of the adequate forms of incentives.· Determination of optimum biological -psychological terms of study of problems by the experts for all population of problems solved by a geological - research system.· The analysis of the acting systems on availability of illusions, false stereotypes, fallacies with development of measures on their removal.· Prevention or essential slowing down of processes of professional aging. Maintenance of professional growth and developments of research systems, collectives and experts.