

The study of risks determination and mental responses to their occurrence

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The article emphasizes and characterizes the following internal determinants of risk behavior: risk appetite, search for strong sensation, life expectancy, setting for rapid obtaining success, low self-control, and courage. We show differences of age regarding appetite for risk. Norms and expectations formed by the family, social groups and culture type are ascribed to the external determinants of risk behavior. As the mental responses to the occurrence of risks connected with the scientific and technological progress we highlight a socio-ethical review of the scientific programs and projects, an emergence of bioethics, a principle of the informed consent to the investigation, a responsibility imperative, an ecological imperative, and a formation of riskology and globalist's mentality.

Keywords: *risk appetite, search for strong sensation, life expectancy, setting for rapid obtaining success, low self-control, socio-ethical review, bioethics, responsibility imperative, ecological imperative, riskology*

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