

POSSIBILITY OF USING THE PSYCHOPHYSIOLOGICAL INDICES FOR THE EVALUATION OF THE INFLUENCE OF COSMOPHYSICAL FACTORS (review)

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Abstract. The review firstly summarizes evaluation of the functional response of the central nervous system (CNS) to change of cosmophysical factors using different psychophysiological parameters (electrical activity of the brain, sensomotor, motor reactions, higher mental functions – attention, memory). Possibilities of information technology application for recording various physiological parameters are analyzed.

Keywords: cosmophysical factors, geomagnetic activity, central nervous system, physiological parameters, electrical activity of the brain, sensomotor response, attention, memory, information technologies.