

# **COSMIC WEATHER AND THE BIOSPHERE – NOOSPHERE – TECHNISPHERE: INTERACTION MECHANISMS**

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**Abstract.** A general review is presented of the mechanisms of cosmic weather influence upon biological processes in the Earth surface environment. It's noticed, that the problem is multidisciplinary one: the theoretical models of Helio-, geo- and biophysics must be taken into account. The main conclusion is that all empirical data may be explained without using any exotic ideas. There are several channels to control ecological parameters of the habitat by solar activity variations. Probably, the most important factors are the changes of background electromagnetic fields in the low-frequency range, caused by magnetospheric-ionospheric emissions.

**Keywords:** Sun Biosphere relation; cosmic weather; influence mechanism on environment.