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Climate Change as Possible Result of Geomagnetic Deprivation and New Possibilities for Human Prevention with using of Silicon Thermal Waters

Trofimov AV* and SN Kapustin

International Scientific Research Institute of Cosmoplanetary Anthropoecology named after academician V. P. Kaznacheev, Novosibirsk, Russia and Ltd «Dozor-Invest» Omsk, Russia

We believe, that there is a sequence of heliophysical events in decreasing the magnetosphere's induction which plays important role for the Climate Changes. According to the data produced by geophysicists [V. Kuznetsov, 1999, M. Mandea et al., 2000, E. Guskova et al., 2007, A. Dmitriev, 2015], from the end of the XX-th century the full vector of the geomagnetic field is gradually weakening. The buffering properties of the Earth magnetosphere, which protects our biosystems from the excess of the solar proton-electron beams are decreasing. Using modeled weakening of the geomagnetic field with the assistance of a special device made from permalloy's steel called «Cosmobiotron» we attempted to answer the question: what are the possible biotropic consequences of heliophysical pressing for further human development? Our main aim was the development at these conditions of preventive non-medicinal technologies and new methods of helio-climato-monitoring on the base of new hypothesis of interactions human consciousness and environment. Significant differences (P < 0.05) between volunteers in the experimental and control groups on the dynamics of electric, psychophysiological and other parameters, coupled with the appropriate genetic markers (genes D4, B1, TNF) and intensity of heliophysical factors at different stages of ontogeny of the examinees and their parents were showed.

The phenomenon of "heliophysical expression of genes", manifested at modeling of the short-term prolonged geomagnetic deprivation was opened. It has been shown that our new technological means, like informational holograms and drinking water, induce helioprotective properties. The latter contribute significantly inducing a positive inversion of the human functional systems facing successfully the heliogeophysical impacts and the increasing geomagnetic deprivation. The necessity for the creation of a global system of geoecological human life support in conditions of spreading heliogeophysical and climatic changes on our planet were shown:

- 1. With using of «Cosmobiotron» unique device from screen's constructions weakening of the geomagnetic field more than 500 times, the phenomenon of "heliophysical gene expression" is revealed: significant associations of the parameters that reflect the functional activity of the brain, the state of psychophysiological, intellectual and creative processes with genetic markers (genes B1 and D4) and heliophysical situation in the pre-and postnatal ontogeny of the examinees.
- 2. The heliophysical gene expression», manifested at the prolonged short-term industrial geomagnetic deprivation of a man contributes to lowering the threshold of his heliosensitivity associated with the dynamics of electrophysiological parameters and the length of D4 gene alleles.
- 3. Jerks and secular excurses of the geomagnetic field, accompanied by the weakening of its induction and the increased access to the biosphere of solar-galactic corpuscular flows, increasing the measure of openness of biological systems can have evolutionary consequences for the human.
- 4. The non-medicinal means on the basis of drinking thermal water, riched by silicon, from SPA= complex «Silicon Therms» (Krasnodar region, Russia) treated in the weakened geomagnetic field, which reduces the excess helio-tropic reactions of human being at climatic changes was developed and successfully tested.
- 5. The necessity of global geo-ecological life support system on the base special protective thermal water SPA complexes in conditions of changing heliogeophysical environment was scientifically based.
- 6. Trofimov Scientific Declaration about the Urgency of Global Geoecological Systems for Humanity Survival on the Epoch of Cosmoplanetary and Climate Changes..Int, J. Earth Sci 2016, 1:119.

Biography

Alexander Trofimov has received Diploma of Doctor from Novosibirsk State Medical University in 1973 and Doctor of Medical Sciences in 1998. He has served as ISA Professor in 1999, Academician of International Academy Energy-informative Sciences in 2001, Academician of ABI, USA in 2010, General Director and Chief of Scientific Council of International Scientific Research Institute of Cosmoplanetary Anthropoecology (ISRICA) and Chief of Laboratory Helioclimatopathology of Science Center of Clinical and Experimental Medicine of Siberian, Department of Russian Academy of Medical Science. He has also received DSc from Open International University for Complementary Medicine in India in 1998. He wrote more than 300 scientific works, 7 monographs and received 9 patents. His basic research interests are in heliobiology, cosmic anthropoecology, geoecology, geophysics, helioclimatopathology, preventive medicine and investigation of water as a helioprotective mean.