

## *Editorial*

Development of Integral Studies is the main research area for Biocosmological Association. Herein, first of all, we rely on the rehabilitation of the significance of Aristotle's 'scientific organicism' as the natural pole in modern science, which in its directivity and the integral organization of exploratory goals is opposed to the modern pole of "scientific physicalism". The fundamental principles of Bipolar Unity and Cyclic Evolutionary Triadicity are likewise the important bases. In this way, we aim at the substantiation of a field for the study of Integral Studies that is located precisely on its natural place, i.e. the position of equidistance and equipotency in respect to both poles (and their research methodologies) – i.e. to the poles of Scientific Physicalism and Scientific Organicism. At the same time, we argue the current existence of the phenomenon of "cosmological insufficiency", which is expressed primarily in the lack (removal from scientific outlook) of the pole of scientific organicism (i.e. of the true Aristotelism, we also call this area as RealCosmism).

In this context, the significant point is that the authors of this issue while pursuing the general aims of Integral Studies in the line of Biocosmological development, – they substantially embrace new topics (of the BCA scope). In this perspective, we present the work of Alexander Ivanovich Orlov, who develops the basic ideas of his conception of the Nonformal Informational Economy of the Future (NIEF). It is essential that before starting the creation of this new organizational and economic theory (and its actual form – NIEB) – author has carried out a long career. It should be noted that Professor Orlov is the author of more than 600 works (including more than 40 books), including the explorations in the field of organizational and economic models, and of economic and mathematical methods.

Vladimir A. Mizyun, the author of this issue of the Journal, also refers to the NIEF. At the same time, the major theme of his research is related to the development of a theoretical framework and methodology for the integrated management of production and organizational systems of the new generation. In his approach, the author (implicitly) uses the directions of research that rely on theoretical and methodological grounds which are complementary to the basic principles of the philosophical system of Aristotle and the Biocosmological approach.

Equally the work of the following authors – Alexander V. Vikulin, Nikolai V. Semenets and Marina A. Vikulina – realize a systematic and multi-disciplinary exploration that integrates both natural and social scientific knowledge. This direction can be defined as the study of the integral safety of human life, using firstly knowledge of Physics of the Earth and geodynamics – "bio-socio-geodynamic life" of the Earth.

Consistently, another author – Anatoly S. Kharitonov – develops the interdisciplinary (integral) studies, which could be called "informodynamics", and

which explore the formation and organization of complex systems, using essentially both the physical, biological and sociological knowledge, and which are expressed primarily in the area of mathematical knowledge and the physics of complex systems. It is essential that novelty of the mathematical model by A.S. Kharitonov is the investigation of the measures of chaos and order in three spaces of events.

To our equal pleasure, the next author – Nargis Talatovna Nurulla-Khodjaeva – also opens up a new research direction in the BCA activity, which examines issues of social and political development (here, of modern Central Asia), in the context of the general civilizational progress.

Among English-language works, the parade of articles is opened by the Japanese scholar Makoto Ozaki, who represents to us the philosophy of Hajime Tanabe, founder of the philosophical concept of Triadic Logic of Species. Tanabe's philosophy is valuable because it provides a new creative synthesis of Eastern and Western philosophy, mainly relying on the bases of traditional Buddhism.

Two other works are also studying the Biocosmological topical issues. It is essential that they belong to the participants of the recent seminar on Biocosmology in Witten (Germany). Both authors are the leading experts in the BCA, who were among the founders of our Association. One of the works is presented by Professor Hans-Martin Sass, the title «The biocosmological imperative»; and another – by Professor Boris F. Chadov, his work is entitled «The biocosmological categories».

Finally, another one of our leading authors – Prof. Anna Makolkin – presented the interesting work, which is a review of the book by Eugen Orlov “Philosophical language of Aristotle,” published in Novosibirsk in 2011. The title of this work: “Asking the impossible.”

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