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## **VERNADSKY'S TEACHINGS ABOUT THE NOOSPHERE**

### **Summary**

V. Vernadsky – one of the few philosophers of science, the vast and multifaceted heritage which has had and continues to have a powerful influence on the whole modern world is changing rapidly. He is in a brilliant cohort of those geniuses who in a latitude scientific search, in depth insight of the phenomena studied, perseverance and dedication in the case of organizing new research directions are much ahead of his time and contemporaries.

Works of V. Vernadsky are a fundamental contribution to the development of the scientific worldview, the emergence of modern scientific picture of the world. Scientist reasonably viewed the Universe as a collection of living matter of the biosphere and humanity. He noted that with the advent of the latter begins a new stage of development of the Universe, where the global evolution of planetary scale contribute mind and man, and their results will be the transformation of the biosphere into the new environment of life - the noosphere (the sphere of mind), held significant changes in the biosphere, social transformation as an organization new forms of human coexistence, equality of races and nations which renounce of war as a instruments of settling disputes.

Teachings of Vernadsky's noosphere in the appearance of man on the earth creates a new stage in the evolution of the planet. Activity of man repeatedly accelerates all evolutionary processes, the rate, of which grow rapidly with the development of the productive forces, the growth of the technical equipment of civilization. Further uncontrolled, uncontrollable development of human activity has a danger that it is difficult to predict. Therefore should soon come a time when the further evolution of the planet, so humanity, must be guided by reason. The biosphere is gradually turning into the sphere of reason. Therefore, the main idea of Vernadsky's of noosphere is the rationale oneness of humanity and the biosphere.

All these and many other important principles of the functioning of the noosphere and reservations were provided and developed by V.I. Vernadsky in the first half of the last century, but how true this sounds today!