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NATIONAL GENIUS ON THE 150TH ANNIVERSARY OF THE BIRTH OF V.I. VERNADSKIY, THE UKRAINIAN SCIENTIST AND FOUNDER OF GEOCHEMISTRY, BIOGEOCHEMISTRY, RADIOGEOLOGY

In scientific activity Vladimir Ivanovich Vernadskiy gradually shifted from the study of minerals to the study of the earth's crust, from the study of dead matter to the study of living matter. Separated from mineralogy and not joining entirely to chemistry and biology, geochemistry developed, scientist seen mission in the study of the "history" of minerals, ie the dynamics of movement of chemical elements in the earth's crust.

V.I. Vernadskiy defended his doctoral dissertation devoted to crystallography in 1897. The next year he established himself in the position of extraordinary professor. To the end of the XIX century form a scientific school began to form, which developed the ideas of Vladimir Ivanovich, from which later emerged the outstanding scientists of the XX century:

V.V. Karandeev, G.O. Kasperat, A.E. Fersman, P.K. Aleksat, K.A. Nenadkevich, Ya.V. Samoilov.

At the beginning of XX century V.I. Vernadskiy has occupied a prominent place among the Russian scientists. V.I. Vernadskiy studied the philosophical problems of natural science, basing his understanding of science and the human on the philosophy of the founder of the European E. Kant's epistemology [5, 6].

Developing the teaching of his master V.V. Dokuchaev, who identified the soil as a special natural organic mineral formation, V.I. Vernadskiy studied the dynamics of geological formations. Based on the results of his research V.I. Vernadskiy proposed evolutionary theory minerals, has made an enormous contribution to the geochemistry by ex-

amining the distribution of chemical elements on our planet. He first drew attention to the movement of chemical elements, carried out by wildlife in the biosphere, studied the chemical composition of the biosphere, and proved experimentally investigated the role of different organisms in the migration of

chemical elements in the earth's crust than contributed to the development of biogeochemistry. V.I. Vernadskiy, being a great thinker and a true scholar and lexicographer, never separated from the national science world and maintains an active research and personal contacts with scientists from around the world.