

V. I. Vernadsky's Doctrine about the Noosphere as a Form of Interdisciplinary Reflection

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Abstract: The article is an attempt to understand the problem of interdisciplinarity from the standpoint of the development of modern science, and is the result of a comprehensive analysis of various methodological strategies for understanding the nature of the transformation of the noospheric reality. Difficulties in studying this problem are related to the fact that the subject of research is in its infancy and many laws of scientific knowledge are being developed. Interdisciplinarity as a form of combining modern scientific knowledge arises as a direct reaction to problems requiring urgent solutions.

Modern science in its diversity explores the fundamental features of cognitive relationships that shape the man as a geological phenomenon and the world in the integral representation. The phenomenon of interdisciplinarity acquires a topicality in solving issues related to the coordination of fundamental and applied knowledge, the integration of the diversity of knowledge of various disciplines, the problems of their practical application and fundamental support, when the boundaries between disciplines are blurred and become implicit. Science at the present stage goes beyond the laboratories, becoming a form of social phenomenon, a hybrid of fundamental and pragmatic research.

V.I. Vernadsky's doctrine on the noosphere is a historically determined form of interdisciplinary reflection. Such a multidisciplinary approach can serve as an effective heuristic paradigm, which will allow for an effective use of research methods of the postindustrial society.