

## **The Structure of Natural and Man-Made System as a Source of Environmental Impact**

**S.A. Dvinskikh, V.A. Pochechun, O.A. Medvedev**

*Perm State National Research University, Perm;  
Ural State Mining University, Yekaterinburg;  
All-Russian Research Institute for Civil Defense and Emergencies,  
Yekaterinburg*

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**Abstract:** The paper examines the structure of the natural and man-made system of the mining complex of the Middle Urals from a systems approach. The structure of natural and man-made system is a triad of closely related elements: natural (initial) elements are presented by the background concentrations of contaminants in the environmental components, man-made elements are represented by mining and metallurgical complex (industrial enterprises with a common type of natural resources, namely, production of metals) and as a consequence of the interaction of natural and man-made elements – the current state of environmental components that have been modified under the influence of the mining complex.

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