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DIGITAL TWIN OF SOLID MINERAL DEPOSITS, DIGITAL TWIN OF SUBSOIL USE: IS IT NEEDED AND WHY

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ABSTRACT

As Litvinenko (2020) describes the impact of the global digital economy on the technological development of the mineral sector in the world. The goal of this study aims to figure out What are related studies on digital twin model? And second, What are description of the primary model and difficulties? This study finds out that: digital models of subsoil use are a modern technological basis for planning the development of subsoil use, designing mining enterprises, planning and managing their work. When developing a model for the functioning of a mining enterprise, a group of enterprises, it is necessary to develop modules for technological processes, technical-economic and organizational-economic processes.

Key words: digital twin model, primary model, solid mineral deposits, digital twin, subsoil use.