



## **Recultivation of Surfaces in the Coal Mines of Bosnia and Herzegovina**

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**Abstract:** The main characteristic of mineral raw is non-regeneration, which makes them different from all the other nature resources. Exploitation field locations cannot be chosen, so that the devastation of surfaces in mining production is the condition of production. First deposits of barren materials on the surface pits came as a result of coal exploitation, dated yet from the beginning of mining. The mining in Bosnia and Herzegovina dates from more than 100 years. There are four coal fields in the territory of Bosnia and Herzegovina for the exploitation of lignite (Tuzla, Gacko, Livno and Bugojno fields), and five for the exploitation of brown coal (Tuzla, Kreka, Brezanskom, Ugljevik and Miljevina fields). During the exploitation of coal as mineral raw on the surface pits in Bosnia and Herzegovina, much of barren material are deposited – clay, sand, marls and marl limestones, which disturbed the environment, but can be useful for biological and technical recultivation of the devastated area. Technical and biological recultivation of area in which the exploitation of mineral raw was finished, is provided by the Law on Mining in order to get the area fit into the existing landscape. This paper gives the analysis of the measures carried out in recultivation of devastated surfaces in areas with finished coal exploitation in Bosnia and Herzegovina, and it also gives examples in building the objects in those areas.

**Key words:** *coal, exploitation, deposits, barren material, technical, biological recultivation, building of objects*

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