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Meeting Paper



**Geometrical and Geomechanical Salt
Exploitation Cavities Estimation in
Romania for Various Waste Disposal**

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GEOMETRICAL AND GEOMECHANICAL SALT EXPLOITATION CAVITIES ESTIMATION IN ROMANIA FOR VARIOUS WASTE DISPOSAL

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INTRODUCTION

Salt mining on the Romanian territory is certified by various documents, beginnings with millenium 1, from the era of the Roman occupations in Dacia. A more organized exploitation, backed up by technical documentations of exploitation and references concerning, more or less, the workings performed in those times began during the first decades of 18th century. The mining methods generally used in Romania were those with large rooms, trapezoidal rooms or, more recently, small rooms and pillars. During the 30's and 40's there were introduced for the first time the dissolution methods, at the beginning dissolving the salt in tanks. The first drillings were performed after the 50's, thus shifting to the exploitation by dissolution in drillholes.

Taking into account the century-old history of halite mining, as well as the variety of the deposit and mining method types in the following we shall present a brief review of the main halite deposits of Romania, presently under the administration of the National Society of Halite, of the present stage and state of the mining works, in order to identify those areas where the depositing of certain materials (oil-gas products) or waste would be possible.

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