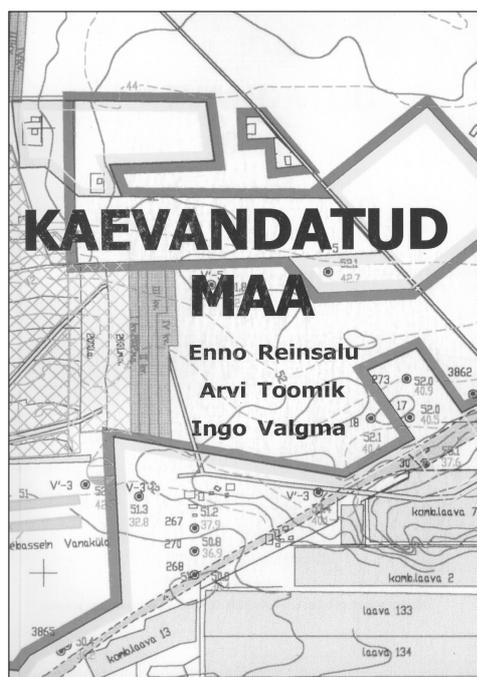


INFORMATION

“MINED-OUT LAND” (in Estonian)

A Book by Enno REINSALU, Arvi TOOMIK and Ingo VALGMA

Estonian mineral resources are deposited in low depth and mining fields are large, therefore vast areas are affected by mining. There are at least 800 deposits with total area of 6,000 km² and about the same number of underground mines, surface mines, peat fields, quarries, and sand and gravel pits. The deposits cover more than 10 % of Estonian mainland. The total area of operating mine claims exceeds 150 km² that makes 0.3 % of Estonian area.



The book is written mainly for the people who are living or acting in the area influenced by mining. The observations and research could benefit those who are interested in geography and environment, who follow formation and look of mined-out landscapes. The book contains also warnings for careless people on and under the surface of the mined-out land.

Part of the book contains results of the research made in 1968–1993 by the first two authors working at the Estonian branch of A.Skochinsky Institute of Mining. Since 1990, Arvi Toomik continued this study at the Northeastern section of the Institute of Ecology of Tallinn Pedagogical University. Enno Reinsalu studied aftereffects of mining at the Mining Department of Tallinn Technical University from 1998 to 2000 with the support of Grant No. 3403 by the Estonian Science Foundation. Geographical Information System for Mining was studied by Ingo Valgma within his doctoral dissertation, and this book is one of the applications of his study.

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