Contents

Wiesław Blaschke, Ireneusz Baic, Wojciech Sobko and Beata Witkowska-Kita: Deposits of coal slurry as secondary resources of hard coal	233
Emad I. M. Fandi, Branko Leković, Badees Gazal, Elnori Elhaddad and Abdulbaset Al Saghr: Implemented stage fracturing technique to improve oil production in Nubian sandstone of North Gialo, Libya	245
Karel Janečka and Diana Bobíková: Registering the underground objects in the 3D cadastre: a case study of wine cellar located in the vineyard area Tokaj	260
Anri Elbakian, Boris Sentyakov, Pavol Božek, Ivan Kuric and Kirill Sentyakov: Automated Separation of Basalt Fiber and Other Earth Resources by the Means of Acoustic Vibrations	271
Łukasz Boloz and Katarzyna Midor: Process innovations in the mining industry and the effects of their implementation presented on the example of longwall milling heads	282
Kaláb Zdeněk: Influence of vibrations on structures	293
Zhanna Mingaleva, Evgeny Zhulanov, Natalia Shaidurova, Michał Molenda, Albina Gaponenko and Marieta Soltésová: The abandoned mines rehabilitation on the basis of speleotherapy: used for sustainable development of the territory (the case study of the single-industry town of mining industry)	312
Rudolf Urban, Martin Štroner, Tomáš Křemen, Jaroslav Braun and Michael Möser: A novel approach to estimate systematic and random error of terrain derived from UAVs: a case study from a post-mining site	325
Giuseppe Buccheri, Peter Andráš, Emery Vajda, Pavol Midula, Zuzana Melichová and Vojtech Dirner: Soil contamination by heavy metals at Libiola abandoned copper mine, Italy	337