

Contents

Gabriel Wittenberger, Michal Cehlár and Zuzana Jurkasová: Deep hole drilling modern disintegration technologies in process of HDR technology	241
Pavel Tošer, Pavel Abraham, Petr Bača and Peter Tauš: Analysis of V-A characteristics of the hybrid photovoltaic system	247
Jana Tomčejová, Peter Haľko, Erich Nováček and Peter Tauš: Evaluation of predicted and operated parameters of photovoltaic power - station	251
Božo Soldo, Krešo Ivandić and Matija Orešković: Numerous landslides and landslide restorations – an example	257
Marek Solčanský, Jiří Vaněk and Aleš Poruba: Fast New Method for Temporary Chemical Passivation	263
Iván Gómez Márquez, Leandro R. Alejano, Alfonso Rodríguez Dono and Fernando García Bastante: A case of compatibility between quarrying of ornamental granite and forest exploitation	268
Erich Nováček and Marcela Taušová: Economic analysis of operation parameters of the biogas plant in Rozhanovce	278
Jozef Jandačka, Michal Holubčík, Štefan Papučík and Radovan Nosek: Combustion of pellets from wheat straw	283
Branislav Fričovský, Stanislav Jacko Jr., Mária Chytilová, Ladislav Tometz: Geothermal energy of Slovakia - CO ₂ emissions reduction contribution potential (background study for conservative and non-conservative approach)	290
Birol Elevli, Ismail Topal and Sermin Elevli: Multivariate statistics application in development of blast fragmentation charts for different rock formations in quarries	300
Zdeněk Dostál and Miroslav Ďulík: Analysis of the energy flow in photovoltaic systems	310
Adriana Csikósová, Mária Antošová and Katarína Čulková: Marketing of renewable energy sources in the region	315
Buryan Petr: Unconventional views to generation of greenhouse gases	322
Tomislav Špaldon, Jozef Hančulák, Oľga Šestinová, Erika Fedorová and Jarmila Remiášová: Sulphates Elimination from Waste Water of Old Mine Loads	330
Eliška Horniaková, Lucia Marcinová and Milan Búgel: Influence of chemical sprinkle on the processes in activated tank of wastewater treatment	336
Katarína Pukanská: The application of terrestrial laser scanning for spatial visualization of laboratories of the BERG faculty	341
Štefan Rákay jr., Štefan Rákay, Roland Weiss and Jozef Zuzik: Adjusting wheel alignment on machinery equipment	348