Contents

| Mousa Mohammadi, Piyush Rai and Suprakash Gupta: Improving productivity of dragline through enhancement of reliability, inherent availability and maintainability | 1 |
|--|----|
| Radule Tošović and Rade Jelenković: Uranium mineral resources of Serbia and their potential economic importance | 9 |
| Monika Blistanova, Martina Zeleňáková, Peter Blistan and Vojtech Ferencz: Assessment of flood vulnerability in Bodva river basin, Slovakia | 19 |
| Barbara Białecka, Jacek Grabowski and Andrzej Bajerski: Assessment of the mercury emissions from burning mining waste dumps | 29 |
| Petr Buryan: Making biogas desulphurisation more effective by using surfactants | 37 |
| Barbora Zákršmidová , Stanislav Jacko and Zoltan Németh : Paleopiezometry – the new investigation method applied to the Penninic suture zone in comparison to the Meliata-Hallstatt suture zone | 43 |
| Pavel Hronček and Pavol Rybár : Relics of manual rock disintegration in historical underground spaces and their presentation in mining tourism | 53 |
| Peter Madzík, Alena Daňková, Jana Piteková and Vojtech Ferencz: Effects of the energy and mining industry on management of national competitiveness | 67 |
| Iwona Stan-Kłeczek : The study of the elastic properties of carbonate rocks on a base of laboratory and field measurement | 76 |