

## CONTENTS

<i>K. Holub, J. Holečko, J. Rušajová and A. Dombková: LONG - TERM DEVELOPMENT OF SEISMIC MONITORING NETWORKS IN THE OSTRAVA-KARVINÁ COAL MINE DISTRICT</i> .....	115–132
<i>S. R. Cmiel: THE UPPER SILESIAN COAL BASIN FAULT ZONE AS A REGION OF HIGH-RISK OPERATIONS</i> .....	133–136
<i>I. Stan–Kleczek, K. Sutkowska, D. Stan and M. Zolich: THE STUDY OF THE RELATIONSHIP BETWEEN CRACKS AND SEISMIC PARAMETERS OF ROCKS</i> .....	137–142
<i>J. Vilhelm, V. Rudajev, R. Živor and T. Lokajček: SEISMIC MEASUREMENTS ON A ROCK MASSIF SURFACE AT SHORT DISTANCES</i> .....	143–153
<i>J. Kondela and B. Pandula: TIMING OF QUARRY BLASTS AND ITS IMPACT ON SEISMIC EFFECTS</i> .....	155–163
<i>T. Petřík, E. Hrubešová and M. Lednická: A COMPARISON OF NUMERICAL MODELS RESULTS WITH IN-SITU MEASUREMENT OF GROUND VIBRATIONS CAUSED BY SHEET PILE DRIVING</i> .....	165–171
<i>Z. Kaláb and J. Knejzlik: EXAMPLES OF ROTATIONAL COMPONENT RECORDS OF MINING INDUCED SEISMIC EVENTS FROM THE KARVINÁ REGION</i> .....	173–178
<i>B. Żogala, M. J. Mendecki, W. M. Zuberek and M. Robak: APPLICATION OF SELF POTENTIAL METHOD IN THE AREA CONTAMINATED WITH OIL DERIVATIVES</i> .	179–189
<i>P. Kolínský, J. Valenta and R. Gaždová: SEISMICITY, GROUNDWATER LEVEL VARIATIONS AND EARTH TIDES IN THE HRONOV-POŘÍČÍ FAULT ZONE, CZECH REPUBLIC</i> .....	191–209
<i>M. Lednická and Z. Kaláb: EVALUATION OF GRANITE WEATHERING IN THE JERONÝM MINE USING NON-DESTRUCTIVE METHODS</i> .....	211–220
<i>M. S. Abdel-Monem, H. H. Mohamed, M. Saleh and N. Abou-Aly: SEISMICITY AND 10-YEARS RECENT CRUSTAL DEFORMATION STUDIES AT ASWAN REGION, EGYPT</i> .....	221–236
<i>A. Gosar: DERIVATION OF SEDIMENTS ISO-FREQUENCY MAP FOR THE LITIJA BASIN (CENTRAL SLOVENIA) BY MICROTREMOR ANALYSIS AND IMPLICATIONS FOR SOIL-STRUCTURE RESONANCE</i> .....	237–249