

CONTENTS

Acta Geodyn. Geomater., Vol. 14, No. 1 (185), 2017

<i>M. Gharizade Varnusfaderaniand, A. Golshani and S. Maidian:</i> ANALYSIS OF CYLINDRICAL TUNNELS UNDER COMBINED PRIMARY NEAR-FAULT SEISMIC EXCITATIONS AND SUBSEQUENT REVERSE FAULT RUPTURE.	5–26
<i>A. Araei and A. Ghodrati:</i> PREDICTIVE MODELS FOR NORMALIZED SHEAR MODULUS AND DAMPING RATIO OF MODELED ROCKFILL MATERIALS	27–40
<i>W. Milczarek, J. Blachowski and P. Grzempowski:</i> APPLICATION OF PSInSAR FOR ASSESSMENT OF SURFACE DEFORMATIONS IN POST-MINING AREA – CASE STUDY OF THE FORMER WALBRZYCH HARD COAL BASIN (SW POLAND).	41–52
<i>M. Lazecký, E. Jiráňková and P. Kadlečík:</i> MULTITEMPORAL MONITORING OF KARVINA SUBSIDENCE TROUGHS USING SENTINEL-1 AND TERRASAR-X INTERFEROMETRY	53–59
<i>Y. Zhang, L-Y. Fu, L-f Zhao and X. Chen:</i> COUPLING MECHANISM OF VOLUME STRAIN AND WATER LEVEL IN THE FUXIN WELL LOCATED IN A GEOTHERMAL AREA BEFORE AND AFTER THE 2011 M_w 9.1 TOHOKU EARTHQUAKE.	61–71
<i>Y. Chapanov, C. Ron and J. Vondrák:</i> ACCURACY AND SENSITIVITY OF A METHOD OF JUMP DETECTION, EVALUATED BY SIMULATED TIME SERIES	73–82
<i>W. Piwowarski, P. Strzalkowski and R. Ścigalla:</i> ANALYSIS OF ROCK MASS DESTRUCTION PROCESSES WITH DIFFERENT ACTIVITY DIAGRAMS	83–92
<i>K. Stepniak, P. Golaszewski, R. Baryla, J. Paziewski, P. Wielgosz, G. Krupinski and E. Osada:</i> VALIDATION OF REGIONAL GEOID MODELS FOR POLAND: LOWER SILESIA CASE STUDY.	93–100
<i>R. Gawalkiewicz and A. Szafarczyk:</i> DESCRIPTION OF THE SPATIAL DEFORMATION PROCESS IN SELECTED CRACOW MOUNDS BASED ON THE SURVEYING MONITORING DATA.	101–112
<i>L. Pospíšil, O. Švábenský, P. Roštinský, E. Nováková and J. Weigel:</i> GEODYNAMIC RISK ZONE AT NORTHERN PART OF THE BOSKOVICE FURROW	113–129
<i>X. He, J. Montillet, X. Hua, K. Yu, W. Jiang and F. Zhou:</i> NOISE ANALYSIS FOR ENVIRONMENTAL LOADING EFFECT ON GPS POSITION TIME SERIES	131–142