## Contents

## Michał Kępiński

Determination of stress state based on well logging data and laboratory measurements – a CBM well in the southeastern part of the Upper Silesian Coal Basin (Poland)	77
<b>Jan Barmuta, Monika Korbecka, Piotr Hadro, Krzysztof Pieniądz,</b> <b>Michał Stefaniuk, Krzysztof Dzwinel, Arkadiusz Buniak</b> An evaluation of the impact of shot and receiver lines spacing on seismic data quality – the Wierzbica 3D AGH seismic experiment	93
<b>Emö Márton</b> Last scene in the large scale rotations of the Western Carpathians as reflected in paleomagnetic constraints	109
<b>Omowumi Ademila, Abel Idowu Olayinka, Michael Adeyinka Oladunjoye</b> Land satellite imagery and integrated geophysical investigations of highway pavement instability in southwestern Nigeria	135
Marcin Dreger Changes in the methane emissions and hard coal output in the Brzeszcze mine (the Upper Silesian Coal Basin, Poland)	159
Dawid Surmik, Mariusz A. Salamon, Agnieszka Chećko, Karolina Kędroń Ophiuroids from the Middle Triassic (Muschelkalk) of Sadowa Góra, Jaworzno (southern Poland)	175
INSTRUCTIONS FOR THE AUTHORS	183