

## CONTENTS

Ewa ADAMIEC, Robert WIESZAŁA, Magdalena STRZEBOŃSKA & Elżbieta JAROSZ-KRZEMIŃSKA	
An attempt to identify traffic related elements in snow .....	317
Grzegorz BANIA & Michał ĆWIKLIK	
2D Electrical Resistivity Tomography interpretation ambiguity – example of field studies supported with analogue and numerical modelling .....	331
Paweł BARAN, Janusz CYGANKIEWICZ, Andrzej KRZYŻANOWSKI & Katarzyna ZARĘBSKA	
Sorption of saturated and unsaturated hydrocarbons on selected coal sample from the Pniówek mine .....	341
Michał ĆWIKLIK	
Characterization of near-surface sediments based on Electrical Resistivity Tomography measurements in the vicinity of the Wawel Hill (Krakow, Poland) ...	351
Elżbieta JAROSZ-KRZEMIŃSKA & Ewa ADAMIEC	
Suitability study of using birch and willow trees in phytoremediation of acidic waste settlers .....	363
Bartłomiej ŚLIPEK & Mariusz MŁYNARCZUK	
Application of pattern recognition methods to automatic identification of microscopic images of rocks registered under different polarization and lighting conditions .....	373
Magdalena WDOWIN, Radosław TARKOWSKI & Maciej MANECKI	
CO <sub>2</sub> -brine-rock interactions as a result of long term experiment onto rock samples from Chabowo anticline, Poland .....	385
Instructions for the authors .....	401