

## Contents

Editorial.....	7
Musilimu ADETUNJI, Travelling preferences of the elderly and their perception of transport services in Lokoja, Kogi State, Nigeria.....	9
Ibrahim. A.O. BAKARE, Mahmud O. QUADRY, Mohammad Abdul-Matin CHOWDBURY, An empirical analysis of the impact of crude oil spot and futures prices volatility on the development of African equity markets.....	31
Bartosz BARTNICZAK, De minimis aid in Poland in the years 2008-2015 – is this aid sustainable or not?.....	47
Sylwester BIAŁOWAŚ, Iwona OLEJNIK, Securing old age vs. other saving goals of households.....	65
Agnieszka BIELECKA, Anna AVDIUSHCHENKO, Joanna KULCZYCKA, Marzena SMOL, Application of the circular economy in the power sector of Małopolska Region – benefits and challenges.....	75
Piotr CZOPKA, Sustainable materials in ecological buildings.....	93
Anna DUBEL, An economic analysis of the reservoirs reclamation methods in the Kłodnica River catchment.....	103
Adejompo FAGBOHUNKA, Economic recession and infrastructural development in Ikare, Akoko, Ondo State, Nigeria; what implications?.....	115
Tadeusz FIJAŁ, Actions for the greening of power engineering to improve energy efficiency.....	127
Vít HINČICA, How to combat littering – an analysis with a focus on the Czech Republic.....	147
Piotr IDCZAK, Karol MROZIK, Periurbanisation – evidence from Polish metropolitan areas.....	173
Daniel JACOB, Samuel ONADEKO, Imaobong NELSON, Abdul SHOTUYO, Evaluation of Old Oyo National Park efficiency using DEA Approach.....	193
Mariusz KOSTRZEWSKI, Wojciech NOWAK, Evolution of male self-expression. The socio-economic phenomenon as seen in Japanese men’s fashion magazines.....	211
Radojko LUKIC, Miro SOKIC, Dragana VOJTESKI KLJENAK, Analysis of insurance companies’ efficiency in the Republic of Serbia.....	249
Łukasz MAMICA, Dematerialised and re-dematerialised economy – 3D printing as a key technological and environment-friendly innovation.....	265
Lidia MIERZEJEWSKA, Alexander TÖLLE, Towards sustainable spatial development in small and medium-sized cities. Planning aspirations and realities.....	291

## CONTENTS

Olga OKRZESIK, Directions of increasing innovativeness of economy - the case of Poland.....	313
Małgorzata PINK, Cultural aspects of sustainable development.....	323
Andrzej RASZKOWSKI, Towards sustainable development of territorial units – the case of revitalisation projects in Jelenia Góra Agglomeration municipalities.....	341
Janusz ROSIEK, The implementation of Circular Economy Concept in the Polish Coal Combustion Products Sector – selected problems.....	353
Anna SZWEDA, The importance of modernizations in realization of sustainable development principles – a case study of the Heating Plant ‘Piaśt’ in Bieruń, Poland	375
Paulina SZYJA, The role of the concept of sustainable development and its indicators in a study on the progress of the new UN goals.....	387
Mohammed TOUITOU, Abul Quasem AL-AMINB, Climate change and water resources in Algeria: vulnerability, impact and adaptation strategy.....	411
Małgorzata WZOREK, A perspective on the potential role of renewable energy for sustainable development on a local scale.....	431
Jarosław ZIEMSKI, The use of LCC method in running cost analysis of a single-family house.....	445
Bibianna ŻYMŁA, Alternative fuels – the economic and ecological aspects of their use in the cement clinker firing process.....	457