

## Contents

### ARCHITECTURE AND URBAN PLANNING

Dorota Jopek

*Intelligent urban space as a factor in the development of smart cities* ..... 5

Dominika Kuśnierz-Krupa, Lidia Tobiasz

*Synagogues in Podkarpacie – prolegomenon to research*..... 17

Michał Krupa, Mateusz Budziakowski

*Lipnica Murowana – historic heritage and its conservation protection*..... 33

Mariusz Twardowski, Agnieszka Żabicka, Andrés Ros Campos

*Houses and skyscrapers of Manhattan – a horizontal or vertical city?* ..... 45

### CIVIL ENGINEERING

Dagmara Adamkiewicz, Elżbieta Radziszewska-Zielina

*A housing market analysis for the city of Krakow* ..... 57

Dalia Bednarska, Marcin Koniorczyk

*Cement paste microporosity analysis: a comparison of different experimental techniques* .... 71

Magdalena Gicala, Anna Halicka

*The influence of the demolition process on the environmental impact of reinforced concrete structures based on recycled aggregate*..... 81

Monika Matuszkiewicz

*Analysis of guyed lattice masts considering various types of mast shaft geometrical imperfections* ..... 97

Natalia Paszek, Marcin Górski

*The basic mechanical properties of the fluidised bed combustion fly ash-based geopolymer* .107

Michał Piątkowski

*The influence of the geometry of imperfect trusses on the loading of transversal roof bracings* .... 119