

Contents

ARCHITECTURE AND URBAN PLANNING

Magdalena Czałczyńska-Podolska, Magdalena Rzeszotarska-Pałka

Guidelines for revitalization of rural areas based on landscape studies 5

Joanna Dudek-Klimiuk

The former urban school gardens 19

Jeremi Królikowski, Kinga Rybak-Niedziółka, Maja Skibińska, Karolina Wlazło-Malinowska

Identification of the genius loci category in the process of recognition of the city landscape design issue 29

Angelika Lasiewicz-Sych

Urban waterfronts' wilderness as a space of engagement 41

Aleksandra Pilarczyk

Methods of commemorating liquidated cemeteries and former cemetery areas as an expression of remembrance, relief, and respect for a sacred place 57

Dorota Wodzińska-Cader

The influence of horizontal land cover structure changes over the valley Odra river landscape in the Wrocław area 71

CIVIL ENGINEERING

Michał Bakalarz, Paweł Kossakowski

The flexural capacity of laminated veneer lumber beams strengthened with AFRP and GFRP sheets 85

Paweł Boroń, Joanna Dulińska

Assessing the dynamic response of a steel pipeline to a strong vertical mining tremor using the multiple support response spectrum method 97

ELECTRICAL ENGINEERING

Katarzyna Rutczyńska-Wdowiak

The generating new individuals of the population in the parametric identification of the induction motor problem with the use of the genetic algorithm 109

Sergei Smatkov, Nina Kuchuk, Marek Sieja

The method of centralised distribution of electronic educational resources in academic e-learning 119

ENVIRONMENTAL ENGINEERING

Dorota Anielska

Finite element analysis of reinforced concrete elements subjected to torsion 129