

Scientific Bulletin of the POLITEHNICA University of Timișoara, Romania
TRANSACTIONS on HYDROTECHNICS
ISSN 1224-6042
Volume 68(82), Issue 1, 2023

CONTENT

1.	Codruța BĂDĂLUȚĂ–MINDA, Mihai HERBEI - The analyses land surface temperature derived from satellite imagery.....	5
2.	Codruța BĂDĂLUȚĂ–MINDA, Camelia ȘTEFĂNESCU - The analysis of the spatial correlation between rainfall and altitude	10
3.	Luminița Livia BÂRLIBA, Gabriel ELEȘ, Costel BÂRLIBA, Florin Cristian BÂRLIBA - Topographic works regarding the sustainable development of urban transport of Resița municipality on ecological basis.....	15
4.	Luminița Livia BÂRLIBA, Gabriel ELEȘ, Costel BÂRLIBA, Florin Cristian BÂRLIBA - Sustainable development and management of green spaces for the Timisoara municipality.....	22
5.	Ioana Alina CRETAN, George Narcis PELEA - Monitoring the quality of environmental factors within the site of a compliant landfill.....	28
6.	Alexandra DRĂGOI-ANGHEL, Alexandru-Francisc FEKETE-NAGY, DAN Sorin, BADEA Cătălin, FEKETE-NAGY Luminița - The use of fly ash: enhancing performance in building materials.....	32
7.	Alexandru-Francisc FEKETE-NAGY, Alexandra DRAGOI-ANGHEL, Sorin DAN, Luminita FEKETE-NAGY, Catalin BADEA - The use of perlite as an innovative material in constructions.....	36
8.	Alina GÎRBACIU, Cristian GÎRBACIU, Camelia ȘTEFANESCU, GHEORGHE Melania - Solution study, regarding the rehabilitation of a water supply system from a urban area.....	40
9.	Adia GROZAV, Gheorghe ROGOBETE - Interaction between soils and climate change.....	44
10.	Teodor Eugen MAN, Robert BEILICCI, Mihaela COJOCINESCU, Daniela UNTARU, Antonia PASC, Marin ILCA, Erika BEILICCI - Arrangement of sprinkler irrigation made using water from drainage canals in Romania, Timiș county.....	48
11.	Simon PESCARİ, Clara-Beatrice VÎLCEANU, Laurențiu BUDĂU, Remus CHENDEȘ, Sorin HERBAN, Ovidiu – Marcel SÎRBU - Digital map –urban development support.....	55
12.	Cristian STANILOIU - Small wastewater treatment plants, problems, reliability and maintenance.....	63
13.	Clara-Beatrice VÎLCEANU, Remus CHENDEȘ, Simon PESCARİ, Alexandru PITROACĂ, Mircea MEREĂ, Maria Andrea KOVACS - Digital map – a prerequisite of smart city.....	67