

Scientific Bulletin of the POLITEHNICA University of Timișoara, Romania
TRANSACTIONS on HYDROTECHNICS
ISSN 1224-6042
Volume 66 (80), Issue 1, 2021
CONTENT

1.	Codruța BADALUȚĂ-MINDA, Mihai HERBEI, The hydrological analysis of the catchment area and evaluation qualitative of water	5
2.	Luminița Livia BĂRLIBA, Gabriel ELEȘ, Costel BĂRLIBA, Florin Cristian BĂRLIBA, Digitalization of Oțelu Roșu hydrographic basins by using topographic maps in analogic format	9
3.	Luminița Livia BĂRLIBA, Gabriel ELEȘ, Florin Cristian BĂRLIBA, Costel BĂRLIBA, Topographic survey and stake out for the collective dwelling located in U.A.T. Timișoara	15
4.	Ioana Alina CREȚAN, George Narcis PELEA, Evaluation of the waste management activity in the implementation process of the waste transfer stations in Romania	21
5.	Ioan DAVID, Camelia ȘTEFĂNESCU, Mircea VIȘESCU, Reliability of modelling methods for simulation of napl lens spreading on groundwater table	27
6.	Mihai HERBEI, Codruța BĂDĂLUȚĂ-MINDA, Estimation of the air temperature through statistical tools	33
7.	Vasile MĂNĂILĂ, Albert Titus CONSTANTIN, Marie-Alice GHÎȚESCU, Behavior of Săcele dam from Brașov County in period 03.2018 - 05.2020	39
8.	Alin PĂTRĂȘCOIU, Albert Titus CONSTANTIN, Marie-Alice GHÎȚESCU, Application of the condor statistical model in the case of the Clocotiș arched dam from Gorj County	47
9.	George Narcis PELEA , Ioana Alina CREȚAN, Considerations on Local Water Sources for Agriculture. Case Study: Multiple Role Water Storage Basins	55
10.	Gheorghe ROGOBETE, Adia GROZAV, Intrusive igneous rocks deposits from the south-western of Romania, useful for constructions	61
11.	Ovidiu SÎRBU, Anca-Maria MOSCOVICI, Clara-Beatrice VÎLCEANU, Sorin HERBAN, Smartphone based mobile mapping for geospatial data acquisition	65
12.	Daniela Cristina UNTARU, Erika BEILICCI, Mihaela Ivona COJOCINESCU , Antonia Mariana PASC, Modernization and Rehabilitation of Secondary Irrigation Infrastructure Plot PPS10, Crivina - Vânju Mare, Mehedinți County	71
13.	Raluca VĂDUVA, Monica ISACU, Cristian STĂNILOIU, The importance of water safety and sanitation systems plans in flood vulnerable rural communities	77
14.	Marin ILCA, Teodor Eugen MAN, Robert BEILICCI, Mihaela COJOCINESCU, Implementation of an optimization project of an existing drainage system, in view of preparing the land for the establishment of a hazelnut plantation	81