

Scientific Bulletin of the POLITEHNICA University of Timișoara, Romania
TRANSACTIONS on HYDROTECHNICS
ISSN 1224-6042
Volume 59 (73), Issue 2, 2014

CONTENT

1	David, I., Șumălan, I., Ștefănescu, C., Discussion about the shear stress distribution term in open channel flow	5
2	Beilicci, R., Beilicci, E., Numerical Limitations of 1D Hydraulic Models using MIKE11 or HEC-RAS software	11
3	Beilicci, R., Beilicci, E., Hydraulic calculation off irrigation channel HCN540 closure	15
4	Lazăr, Gh. I., Ghiteșcu, M., A., Popescu-Bușan, A., I., Constantin, T.A., Nicoara, S.V., Specific hydraulics related to a groundwater catchment	19
5	Vișescu, M., David, I., Analytical method to evaluate the propagation time of injected water in aquifer by use GSHP system to solve environmentally conflictual aspect	25
6	Dohi-Trepszker, G., G., Bădăluță, M., C., Crețu, G., Toma, I., C., Dohi-Trepszker, G., Surveilling the ecological vulnerability of flowing water under the effects of floating debris pollution	29
7	Ștefănescu, C., Green solutions applied in urban areas for minimize the stormwater from precipitations	33
8	Anton, I., Borza, I., Lăcătușu, F., Numerical simulation of temperature field in stady-state and transient regime for two-dimensional problems using finite element method	39
9	Bădăluță, M., C., Crețu, G., Alternative solutions on the application of current concepts by defence against flood on the catchment area Barzava	45
10	Constantinescu, L., Determining the vulnerable and potentially vulnerable areas to nitrate pollution in the Banat Hydrographical area	49
11	Nemes, I., Constantinescu, L., Anti Erosion development works in the Greoni – Tigvani area	53
12	Molnar, P., Man, T., E., Gherman, V., D., Balaj, C., Past and present of fish passes. Short literature review within the Romanian context	57