

**SCIENTIFIC BULLETIN OF
"Politehnica" University of Timișoara, Romania
Transactions on HYDROTEHNICS**

CONTENT

Vol. 53 (67), 2008, No.2, ISSN 1224-6042

<i>Sandu, M., Racoviteanu, G., Vulpasu, E., Dinet, E.</i> , The research concerning the development and implementation of the advanced technologies in drinking water production in Romania	3
<i>Luca, M., Balan, R.P.</i> , Pollution monitoring of the industrial waste dump	11
<i>Luca, M., Tigaret, Gh., Stoenescu,I.</i> , Consideration of the ecological disaster from the Ocnele Mari – Valcea region	17
<i>Gîrbaciu, A., Achim ,C., Gîrbaciu, C., Jeremciuc, M., Gherman, V.</i> , Chlorine in water disinfectant and also in iron and manganese removal	21
<i>Florescu, C., Podoleanu, C., Mirel,I., Carabet,A., Olaru,I.</i> ,Considerations on the optimization of the multiple layers filtering installations	27
<i>Burlacu, A., Blăgoi, O.</i> , The influence of the natural environmental factors on the quality of the lakes water, during the warm seasons. The impact on the fishponds population	33
<i>Carabet A., Florescu, C., Podoleanu, C., Olaru, I.</i> , De-pollution method for phosphates contaminated aquifers	39
<i>Wehry, A., Pásztai, Z.</i> , Leachate treatment plant at Oradea's non hazardous waste landfill.....	43
<i>Matei, D., Dragan, A., Dima, M.</i> , Biological treatment of wastewater. The kinetics processes	49
<i>Radoslav, R., Gaman, M., Branea, A.M.</i> , The territorial urbanization of metropolitan areas respecting the ecological	53
<i>Vrgovici,S.M.</i> , Zufällige Verschmutzungen	59
<i>Vrgovici,S.M.</i> , Kationen und Massnahmen für die Bekämpfung der Zufälligen Verschmutzung	65
<i>Mirel, I., Stăniloiu, C., Olaru,I., Moldovan , Ghe., Kranert, M., Hafner, G., Schiere, O., Berechet, M.</i> , Waste management in Romania	71
<i>Roman, M.,A., Mirel, I.</i> , Effects of geothermal waters on the constructions and hydraulic equipments	77
<i>Fábry, G., Péter A., Fábry,G.</i> , The Iseki Vacuum Sewerage System	81
<i>Ion, M., Lazăr, Gh., Nicoară, S.V., Popescu-Busan, I.A.</i> , Considerations Regarding Couple of Water Supply Systems in Austria	85

Pogany. A., Considerations regarding pre-treatment procedures of industrial waste waters 92

Bacria,V., Herișanu , N., Investigation and reduction of the phonic pollution in the urban area 95

Dima, B., The influence of global warming on thermal comfort of habitat 99

Mihail, A., Gelu, L., New optimizations in waste water treatment plants with Hach Lange equipments 103

Badaluta Minda, C., Applications and case studies to the theoretical model for assessing the risk of accidental floods 107

Beilicci, E., Beilicci, R. F., Solid flow prognosis in a hydrographic basin, in different variants of arrangements 111

Bojin, T., The establishing, the maintenance and the exploitation of the hydro technical workings in the Banat hydrographical area 115

Bozán, C., Körösparti, J., Pásztor,L., Pálfa,I., GIS-based quantifying and mapping of excess water inundation hazard on the South Great Hungarian Plain 119

Cretu,,Gh., Badaluta Minda, C., Present problems regarding the floods management and strategy

Filip, C., Breaban, V., Risk Assessment Models for Natural Hazard as a Decision-Support Tool for Disaster Management 129

Giurma, I., Crăciun, I., Giurma-Handley R., Telișcă, M., Analysis of the Groundwater Quality on the Prut-Bârlad Hydrographical Area 135

Husaru, V.,G.,Solving the nutrient pollution problems in the hydrographical basin Bistrita 141

Man, T.E..David, I.,Nedelcu, R., The modelling of Timiș-Bega interrivers zone, Teba-Timișaț draining system, for the study of underground waters pollution 145

Riosu, J., Maries.C., Popa,Gh., Study on the flowing in the river beds 153

Sorocean, M., Madar,M., Meteorological conditions analyze that generates flood waves in Banat Hydrographical Area. Study cases of the floods from 1999, 2000 and 2005 157

Stefanescu, C., Gîrbaciu, A., Decreasing runoff of rainwater through green roofs 165

Stefanescu, C., Staniloiu, C., Gherman,V., New technologies for reducing runoff 169

Stefanescu, C., Staniloiu, C., Iliuta, C., Methods and solutions for stormwater storage 175

Gelmambet, S., Maftei, C., Analysis criteria of the embankment dams strains and stresses caused by sudden water level variations in the reservoir 181

<i>Job Udo, J. Aldescu,C., Development of a strategy for improved protection against flooding and flood risk reduction along the Timiș River</i>	187
<i>Maftei, C., Buta, C., Adam, G., Gelmambet, S., Geographical Information System (GIS) implementation in drought management</i>	191
<i>Stanescu, M., Buta, C., Maftei,C., Teodorescu, D., Statistical analysis of the annual maximum flows</i>	197
<i>Drobot, R., Simplified methodology for identifying small basins generating flash floods</i>	203
<i>David, I., Constantin, T.A.,Vișescu, M.,Beilicci, R., Comparing analysis of performance costs for dried units with moulded walls and exhaustion wells</i>	208
<i>Bica,I., , Alboiu, N.I., Dimache, A., Iulian, I., Contributions of the “Hydraulics and Environmental Protection Department” of the Technical University of Civil Engineering of Bucharest to the development of aquifer strata protection</i>	213
<i>Iancu,I., Bica, I., Dimache, A., Alboiu, N., Evaluation of natural attenuation as a remediation method of contaminated aquifers</i>	219
<i>Şumălan, I. David, I., The influence of the discretization of the numerical models by finite volumes on pollutants transport</i>	223
<i>Racelescu, R., Vlaicu,I., David, I., Actually Aspects of the Management of Water and Sewerage Networks. AQUATIM’s Experience in GIS Implementation</i>	227
<i>Popa, M., Broken wave forces on structures with vertical wall</i>	231
<i>Stroîță, C., Bărglăzan, M., Characteristic curves for Double-Flux Water Turbine SDC -125</i>	237
<i>Racelescu, R., David, I., Vlaicu, I., Considerations Concerning the Numerical Modeling of the Flow in Sewer Systems</i>	241
<i>Beilicci, R.F., David, I., Beilicci, E., Şumălan, I., 3D modelling for phreatic aquifers inland fills. Case study Parta landfill</i>	247
<i>Vingan, D., Botos, M., Methods of optimizing the water supply network extension</i>	257
<i>Tatomir, A.B., A new and efficient approach for modeling two phase flow in fractured porous media using the MINC method</i>	255