



Yousef Hassanzadeh

Professor

College: Civil Engineering

Papers in Conferences

1. Hassanzadeh, Y., Heydari, N., Bageri Basmenji, A., Trend of Maximum Discharge for Effective Parameters of Outflow Hydrograph Due to Piping, Modern Research in Civil Engineering, Architectural and Urban Development, Istanbul, Turkey, 2016.
2. Jahandar, M., Kalateh, F., Hassanzadeh, Y., Gradually varied flow computation in channel networks, 10th International Congress on Civil Engineering, University of Tabriz, 2015.
3. Aghakhani, A., Hassanzadeh, Y., A comparison of WEPP and SWAT for modeling soil erosion of Torogh watershed in Khorasan Razavi province, 10th International Congress on Civil Engineering, University of Tabriz, 2015.
4. Moradi, M., Vosoughifar, H., Hassanzadeh, Y., Optimal placement of smart sensors in the underground storage tanks regarding to the cavitation effect by Monte Carlo analysis, 2nd International Congress on Structure, Architecture & Urban Development, Tabriz Islamic Art University, 2014.
5. Hassanzadeh, Y., Farzin, S., Alizadeh, M., Numerical Simulation of Unsteady One-Dimensional Dam-Break Flows Using MacCormack Scheme, 7th National Congress on Civil Engineering, Zahedan, 2013.
6. Abdi, A., Hassanzadeh, Y., Assessing the Drought Modeling Using Genetic Algorithm in Tabriz City, Iran, 10th International Conference on Hydroinformatics, HIC 2012, Hamburg, Germany, 2012.
7. Imanshoar, F., Tabatabai, M.R.M., Hassanzadeh, Y., Rostamipour, Experimental Study of Subsurface Erosion in River Banks, World Academy of Science, Engineering and Technology, Dubai, 2012.
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14. & Zarghami, M., Hassanzadeh, Y., Babaeian, I., Kanani, R ,Climate change and water resources vulnerability; Case study of Tabriz city ,SENSE Symposium on climate proofing cities ,Amsterdam, Volendam ,2009.
15. Hassanzadeh, Y., Nourani, V., and Abdi, A ,Genetic Algorithm and Its Application in Statistical Analysis of Flood Flows ,2nd International Conference on water Economics, Statistics, and Finance, International Water Association (IWA), Alexandroupolis ,Thrace – Greece ,2009.
16. Hassanzadeh, Y., Abdi, A., and Abdi, A ,A Comparison of Methods used for the Estimation Statistical distribution parameter (Case Study : The Rivers of East Azarbijan, Iran) ,), 5th International Engineering and Construction Conference (IECC'5), American Society of Civil Engineers ,Los angeles, USA ,2008.
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27. Hassanzadeh, Y ,Study of the logarithmic law of the velocity distribution in two phases flow ,sixteenth congress on large dams, San Francisco, U. S. A. ,1988.
28. Hassanzadeh, Y ,Critère de début d'entraînement des matériaux constitutifs du lit d'un cours d'eau ,Vith IWRA World Congres, Ottawa., Canada ,1988.
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 3. ۲۲. Kardan, N., Hassanzadeh, Y., and Shakoei Bonab,B.Shape optimization trapezoidal labyrinth weirs using genetic algorithm.Arabian Journal of Geosciences.۲۰۱۷.
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streamflow using hybrid tree-based machine learning models: a case study of Kurkursar basin, Iran, *Arabian Journal of Geosciences*, 2023.

5. Yousef Hassanzadeh and Hamidreza Abbaszadeh, Investigating Discharge Coefficient of Slide Gate-Sill Combination Using Expert Soft Computing Models, *Journal of Hydraulic Structures*, 2023.
6. Ali MOASAMI, Bahador FATEHI, & NOBARIAN, Yousef HASSANZADEH, NUMERICAL STUDY ON THE EFFECT OF WATER WAVES AND DEPTHS ON INCLINED BRACES WITH RESPECT TO THE STABILITY OF VLFS PLATFORMS IN THE CASPIAN SEA, *Slovak Journal of Civil Engineering*, 2022.
7. Aida Hosseini Baghanam, Arshia Jedary Seifi, Ali Sheikhabaei, Yousef Hassanzadeh, Mohsen Besharat and Esmaeil Asadi, Policy-Making toward Integrated Water Resources Management of Zarrine River Basin via System Dynamics Approach under Climate Change Impact, *Sustainability*, 2022.
8. Yousef Hassanzadeh¹, Mohammadvaghef Ghazvinian^{2*}, Amin Abdi², Saman Baharvand³, Ali Jozaghi³, Prediction of short and long-term droughts using artificial neural networks and hydro-meteorological variables, *arxiv.org*, 2021.
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13. Rasoul Nematzadeh & Yousef Hassanzadeh, A novel method to plan short-term operation rule for gated-spillways during flood, *Arabian Journal of Geosciences*, 2021.
14. Yousef Hassanzadeh, Milad Khosravi, and Nazila Kardan, Numerical investigation on the effect of bluntness factor on scouring mechanism by using lenticular geometry piers, *Can. J. Civ. Eng.*, 2020.
15. Hassanzadeh, Y., Marofi, S., Vahabian, M., A Three Dimensional Modeling of contaminant transport in sub-surface soil media using UFV approach, *International Journal of Geomechanics*, 2020.
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18. 36. Saeed Farzin, Rouhollah Fatehi, Yousef Hassanzadeh, Position explicit and iterative implicit consistent incompressible SPH methods for free surface flow, *Computers and Fluids*, 2019.
19. 37. Mehdi Vahabian & Yousef Hassanzadeh & Safar Marofi, Assessment of landfill leachate in semi-arid climate and its impact on the groundwater quality case study: Hamedan, Iran, *Environ Monit Assess*, 2019.
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25. Nazak Rouzegari Yousef Hassanzadeh Mohammad Taghi Sattari, Using the Hybrid Simulated Annealing-M5 Tree Algorithms to Extract the If-Then Operation Rules in a Single Reservoir, *Water Resources Management*, 2019.
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