



Name: Mohammad Shayannejad

Nationality: Iranian

Mailing Address: Dept. of Water Eng., College of Agriculture,
Isfahan University of Technology, Isfahan, Iran.

E-mail: shayannejad@cc.iut.ac.ir
shayannejad@yahoo.com

Present Status:

Associate Professor

Education:

BSc: Irrigation and Drainage Engineering, Isfahan University of Technology, Isfahan, Iran, 1994.

MSc: Irrigation and Drainage Engineering, Tarbiat Modares University, Tehran, Iran, 1997.

Msc Thesis: Investigation of water requirement and canopy resistance of barely and wheat in Karaj gates)

PhD: Water Science and Irrigation Engineering, Tarbiat Modares University, Tehran, Iran, 2001.

PhD Thesis: Investigation of flow through rockfill dam and its application in flood control.

Publications:

1. Samani, J. M. V., **Shayannejad, M.** 2001. Comparison between kinematic , matched diffusivity and dynamic wave flood routing methods in rivers, J. of International of Engineering Science, 11(2), 29-43.
2. Samani, H.M.V., Samani, J.M.V. and **Shayannejad, M.**,2003,Reservoir routing using steady and unsteddy flow through rockfill dams, J. of Hydraulic Engineering, Div. ASCE,129(6), 448-454.
3. Samani, J.M.V., Samani, H.M.V. and **Shayannejad, M.**,2004,Reservoir routing with outflow through rockfill dams, J. of Hydraulic Research,42(4),435-439.
4. **Shayannejad M.** 2008. Comparison between artificial neural networks and fuzzy regression in hydraulics investigation of flow through rockfill dam, J. of Iran Water Research,1(1),11-16.

5. **Shayannejad, M.**, Sadatinejad, S. J., Fahmi, H. 2008. Determination of potential evapotranspiration using the fuzzy regression method, *J. of Iran Water Resources Research*, 3(3), 9-19.
6. Zarei, M. A., Tabatabaei, S. H., **Shayannejad, M.**, Beigi, H. 2008. Evaluation of soil salinity distribution under three irrigation scenarios in basin irrigation system, *J. of Research in Agricultural Science*, 3(2),196-206.
7. **Shayannejad, M.**, Sadatinejad, S. J. 2008. Estimation of daily potential evapotranspiration of meadow using artificial neural networks,*J. of Rangeland*, 2(2),182-194.
8. **Shayannejad, M.** 2009. Effect of deficit irrigation on quantitative properties of potato by every-other furrow irrigation in Shahrekord, *J. of Agricultural Science and Industries*, 22(1), 131-140.
9. **Shayannejad, M.**, Moharrery, A. 2009. Effect of every-other furrow irrigation on water use efficiency, starch and protein contents of potato, *J. of Agricultural Science*, 1(2),107-112.
10. **Shayannejad, M.**, Mirlatifi, M. 2009. Forecasting of actual evapotranspiration using of soil-plant-atmosphere continuum system, *J. of Agricultural Science and Industries*, 22(1), 123-130.
11. Sadatinejad, S. J., **Shayannejad, M.**, Honarbakhsh, A. 2009. Investigation of the efficiency of the fuzzy regression method in reconstructing the monthly discharge data of hydrometric stations in great Karoon river basin, *J. of Agricultural Science and Technology*,11, 111-119.
12. **Shayannejad, M.**, Moharrery, A. 2009 Effects of Water Stress on qualitative properties of Wheat and potato in Shahrekord, *J. of Research on Water in Agricultural*, 24(1),65-71.
13. Naghdi, R., Sadatinejad, S. J., **Shayannejad, M.** 2011. Comparison of Different Methods for Estimating of Monthly Discharge Missing Data in Grand Karoon river Basin, *Managemet of Cathment*,1(1), 59-73.
14. Golestani, S., **Shayannejad, M.**, Tabatabaei, S. H. 2011. Investigation of Hall technique in adjusted volume balance- zero inertia combined model for furrow irrigation,*J. of Iran Water Research*, 4(6),11-8.
15. Golestani, S., Tabatabaei, S. H., **Shayannejad, M.**, 2011. Improvement of the volume balance model by adjusting surface storage term in furrow irrigation system, *J. of Knowledge of Water and Soil*,20.1(2), 47-58.
16. Sadatinejad, S. J., Angabini, S., **Shayannejad, M.**, Mozdianfard, M. R. 2011. Using intelligence models to estimate evapotranspiration, *J. of Invironmental Science*, 8(2), 1-10.

17. Sadatinejad, S. J., Hasanshahi, R., **Shayannejad, M.**, Abdollahi, K. 2011. Evaluation of fuzzy regression efficiency for reconstructing missing annual precipitation data in Karoon basin, *J. of Environmental Science*, 8(3), 109-116.
18. **Shayannejad, M.** 2011. Effect of deficit irrigation on quantitative properties of winter wheat and determination of its optimum applied water in Shahrekord, *J. of Irrigation and Water Engineering*, 1(2), 24-35.
19. Sadatinejad, S. J., Naghdi, R., **Shayannejad, M.** 2011. Application of fuzzy linear regression for predicting annual discharge missing data in hydrometric station compared with other conventional methods, *J. of Water and Soil Conservation*, 17(4), 67-86.
20. Matinzadeh, M. M., Fattahi, R., **Shayannejad, M.**, Abdollahi, K. 2011. Estimation and reconstruction of maximum 24-h precipitation using fuzzy regression in Chahar Mahal va Bakhtiary province, *J. Iran Water Research*, 5(8), 179-186.
21. Mostashfi Habibabadi, F., **Shayannejad, M.**, Dehghani, M., Tabatabaei, S.H. 2011. Effect of four irrigation regimes with saline water on quantitative and qualitative indexes of sunflower, *J. of Water and Soil*, 25(4), 698-707.