

Full Name	Esmail Asadi
Scientific Position	assistant professor
E-Mail	es-asadi@tabrizu.ac.ir
Department	Irrigation
Work phone	33392772-041
Fax	33392772-041
Web Site	---



Educations

- 1) B.Sc, ---, Water Engineering, Tehran
- 2) M.Sc, ---, Irrigation and drainage Engineering, University of Tabriz
- 3) Ph.D, ---, Water Resources Engineering, University of Tabriz

Teaching Course

- 1) , B.Sc
- 2) , M.Sc
- 3) , Ph.D

Compilation Books

- 1) IRRIGATION PRINCIPLES AND CONCEPTS, compilation, AMIDI, 2013/04/21

Papers in International Journals

- 1) Majnooni-Heris Abolfazl, Rashid Niaghi Ali, Asadi Esmail, Zare Hagghi Davoud, 2013/10/01, Calibrating Net Solar Radiation of FAO56 Penman-Monteith Method to Estimate Reference Evapotranspiration, Journal of Applied Environmental and Biological Sciences, 3, 1-7
- 2) Rashid Niaghi Ali, Hajivand Razieh, Asadi Esmail, Majnooni-Heris Abolfazl, 2015/02/01, Evaluation of Single and Dual Crop Coefficient Methods for Estimation of Wheat and Maize Evapotranspiration, Advances in Environmental Biology, (3)9, 963-971
- 3) Samadianfard Saeed, Asadi Esmail, Jrehan Salar, Kazemi Hanieh, Kheshtgar Salar, Kisi Ozgur, Sajjadi Shahin, Abdul Manaf Azizah, 2017/01/05, Wavelet neural networks and gene expression programming models to predict short-term soil temperature at different depths, SOIL & TILLAGE RESEARCH, 175, 37-50
- 4) Jahani Babak, Asadi Esmail, 2017/01/15, Comparison between the Temporal Variations of Ground and Surface Water Quality Parameters (Case Study: Ajichai Basin), World Rural Observations, (1) 9, 16-21
- 5) narimani neda, Fakheri Fard Ahmad, Darbandi Sabereh, Asadi Esmail, 2017/01/24, the rainfall-runoff simulation with hybrid method (case study: the catchment basin of sofi chay), international academic journal of science and engineering, 4, 100-87
- 6) Narimani Neda, Fakheri Fard Ahmad, Darbandi Sabereh, Asadi Esmail, 2017/01/30, the rainfall runoff simulation with hybrid method and its comparison with networking model, case study the catchment basin of sofi chay, international journal of ecosystems and ecology sciences, 7(3), 531-544

Papers in National Journals

- 1) mohajeri farzan, saghbian mahdi, Ghorbani Gholzarinejad Mohammad Ali, Darbandi Sabereh, Asadi Esmail, 2015/02/24, rainfall, Geographical Space, 14, 181-197
- 2) kolahdozan ali, Dinpashoh Yagob, Mirabbasi Najafabadi Rasoul, Asadi Esmail, Darbandi Sabereh, 2015/06/01, najafabad, Iranian Journal of Water and Soil Research, 46, 81-93

- 3) Asrai Asra, Fakheri Fard Ahmad, Zeinali Ali, Asadi Esmaeil, 2015/09/11, The effect of climatic variables hydrological balance plain table Ajabshir, Ecohydro, 191-200
- 4) Kakei Mehri, Momen Roomiani Hasan, Asadi Esmaeil, 2015/09/16, Trend Analysis of Qualitative Changes on Groundwater Resources Using Non-parametric Tests: A Case Study of Dehgolan & Qorveh Plains, Kurdistan Province, Iran, International bulletin of water resources an development, 9th Article– P. 96-113
- 5) Sofirahimi Maryam, Fakheri Fard Ahmad, Dinpashoh Yagob, Asadi Esmaeil, Ghorbani Gholzarinejad Mohammad Ali, 2015/11/11, Regional Analysis of the Maximum Annual River Flow Data in East Azarbaijan Province Rivers Using the L-moments Method, Water and Soil Science, 253-265
- 6) Jafari Majid, Dinpashoh Yagob, Asadi Esmaeil, 2016/05/03, Introduction to Multiple Linear Regression and its application to simulate daily pan evaporation, Journal of Water and Sustainable Development, 2, 47-56
- 7) Asrai Asra, Asadi Esmaeil, Fakheri Fard Ahmad, Dinpashoh Yagob, 2017/01/08, study of trend in climatic, hydrologic and water table parameters in Ajabshir plain, International Bulletin of Water Resources and Development, 35, 12-19
- 8) Akhoni Pourousseini Fatemeh, Asadi Esmaeil, 2017/04/04, Application of Bayesian networks and Support Vector machine model to predict changes in water level (Case study: Ardebil plain), Iran-Watershed Management Science & Engineering, 11(36), 33-42
- 9) Mohammadi Parva, Fakheri Fard Ahmad, Dinpashoh Yagob, Asadi Esmaeil, 2017/05/09, Zoning impact of seasonal rainfall on rainfed performance in the East of Lake Urmia with Ward and K-mean method, Ecohydro, 498-489
- 10) Samadianfard Saeed, Asadi Esmaeil, 2017/06/24, Prediction of SPI Drought index using support vector and multiple linear regressions, journal of water and soil resources conservation, 4/6, 1-16

Presented Papers in International Conferences

- 1) Narimani Neda, Ebrahimi Saleme, Asadi Esmaeil, 10th International Congress on Civil Engineering, poster presentation, complete article, The effect of drought on the quality of underground water resources (Case study: Plain Bostanabad province), 2015/05/05, 2015/05/05
- 2) Jafari Majid, Asadi Esmaeil, 5th International Conference on Economics Management an Agriculture Sciences, announcer, complete article, Principal component analysis method combined with multiple linear regression (MLR-PCA) in predicting pan evaporation (Case Study: Maragheh , East Azerbaijan), 2015/07/22, 2015/07/22
- 3) Mohammadi Parva, Asadi Esmaeil, The 1st International Congress on Earth, Space & Clean Energy, poster presentation, brief article, The impact of climate change on the frequency of wet and dry periods synoptic station in Tabri, 2015/11/05, 2015/11/05
- 4) Samadianfard Saeed, Asadi Esmaeil, Jrehan Salar, 2nd International conference on sustainable development, strategies and challenges With a focus on Agriculture, Natural Resources, Environment and Tourism, poster presentation, complete article, Investigating the Effects of Time Scale on River Flow Prediction Accuracy in Lake Urmia Basin (Case Study: Ajichay and Saroogchay rivers), 2016/02/23, 2016/02/25
- 5) Samadianfard Saeed, Asadi Esmaeil, International Conference on Geographic and Environmental Impacts of Urmia Lake Conditions, announcer, complete article, Evaluating the role of kernel functions in predicting water level of Lake Urmia using support vector regression, 2016/11/23, 2016/11/24
- 6) Bahrami Negar, Asadi Esmaeil, Geographical and Environmental Impacts of Urmia Lake Conditions, poster presentation, complete article, Performance support vector regression for simulation SPI values, 2016/11/23, 2016/11/24

Presented Papers in National Conferences

- 1) Ghorbani Gholzarinejad Mohammad Ali, Asadi Esmaeil, dehghani reza, 5th national conference on water resources management, announcer, complete article, Estimation of groundwater level of Tabriz plain with Bayesian neural network, 2014/02/18, 2014/02/19
- 2) Kanani Reza, Asadi Esmaeil, 5th Conference on Water Resources Managment, announcer, complete article, Study of chenges trend of floods at East-Azerbaijan province selection rivers relation with change climate., 2014/02/18, 2014/02/19

- 3) Azimi Vahid, Asadi Esmaeil, VakiliFard Atieh, Second National Conference on on Climate Change and Food Security, poster presentation, complete article, Evaluating Support Vector Machine for estimation for daily river flow, 2014/10/09, 2014/10/09

- 4) Ansari Hadi, Fakheri Fard Ahmad, Dinpashoh Yagob, Asadi Esmaeil, Second national symposium of architecture, civil and urban environment, announcer, complete article, Snow Area analysis and estimation of rain and snow percentages (case study: Lighvan and Sofi-chai watersheds), 2015/02/12, 2015/02/13

- 5) Hajivand Razieh, Fakheri Fard Ahmad, Asadi Esmaeil, Majnooni-Heris Abolfazl, National Conference of Water Crisis in Iran and Middle East, announcer, complete article, Palmer Drought Index on the daily scale deployment and effective comparison with the drought index, 2015/03/10, 2015/03/12

- 6) Abbaspour Dariush, Fakheri Fard Ahmad, Asadi Esmaeil, Sofirahimi Maryam, First National Congress on Irrigation and Drainage Iran, poster presentation, complete article, Analysis of the spatial variability of Bookan plain groundwater quality indicators, 2015/05/13, 2015/05/14

- 7) Sofirahimi Maryam, Abbaspour Dariush, Asadi Esmaeil, First National Congress on Irrigation and Drainage Iran, poster presentation, complete article, Classification of groundwater resources for different uses for drinking , agriculture and industry (Case study : Bookan Plain), 2015/05/13, 2015/05/14

- 8) jjafarzade jjafar, Rostamzadeh Hashem, Asadi Esmaeil, 1th Water Engineering Conference and Exhibition, poster presentation, complete article, Forecasting the changes in groundwater levels Ardebil Plain using Time series, 2015/05/19, 2015/05/20

- 9) Bahrami Negar, Hasanitabr Seyd Mohamad, Asadi Esmaeil, 1th Conference on Water Engineering with a focus on commercialization, poster presentation, complete article, Qualitative monitoring of groundwater resources of Shabestar-Sufian plain, 2015/10/18, 2015/10/18

- 10) Samadianfard Saeed, Asadi Esmaeil, Jrehan Salar, 9th National Congress on Civil Engineering, announcer, complete article, Prediction of Daily River Flows of Lighvanchay using Support Vector Regression, 2016/05/10, 2016/05/11