

Curriculum Vitae



ABOLFAZL NASSERI, PH.D

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DEGREES

- **Ph.D** in Irrigation Science and Engineering (Irrigation and Drainage), 2004, Tabriz University, I.R. of IRAN
- **M.Sc** in Irrigation and Drainage, 1996, Tabriz University, I.R. of IRAN
- **B.Sc.** in Irrigation, 1993, Tabriz University, I.R. of IRAN

THESIS TITLE

- **Ph.D:** Time Series Analysis of Infiltration and Time-Space Distribution of Surface Flow in Furrow Irrigation
- **M.Sc:** Investigation of Mathematical and Empirical Models of Evaporation Loss and Wind-Drift from a Sprinkler

PRESENT POSITION

- Associate Proffessor, East Azarbaijan Research Center for Agriculture and Natural Resources. Department of Agricultural Engineering Research, Tabriz, I.R. of IRAN

PROFESSIONAL EXPERIENCES

- Surface Irrigation (Experimental and Modeling)

- Sprinkler and Drip Irrigation
- Crop Irrigation Scheduling
- Supplemental Irrigation
- Professional and Mathematical Softwares
- Statistical Softwares: **SPSS, MSTATC, MINITAB, CVXPT, STATGRAPH and SIGMAPLOT...**
- Crop Modeling Softwares: Aquacrop, Cropwat, Netwat

RESEARCH INTERESTS

- Irrigation (Surface, Sprinkle, Drip and Others),
- Irrigation under Deficit and Stress Conditions,
- Soil –Water and Plant Relations
- Soil Physics
- Mathematical (Numerical and Analytical) Methods in Irrigation and Drainage
- Statistical (Regression Analysis, Multivariate, Non-Parametric and Time Series Analysis) Applications in Irrigation and Drainage
- Drainage
- Groundwater
- Agricultural Meteorology
- Geostatistics Applications in Soil and Water
- Artificial Neural Network Applications in Soil and Water Engineering and Sciences
- Fuzzy Theory Applications in Soil and Water Engineering and Sciences
- Optimization Applications in Soil and Water Engineering and Sciences

TRAINING (WORKSHOPS)

1. Results- Based Performance Measurement (FAO Programs). 1997. by Dr. H. Jorjani. Karaj, Iran
2. Modeling of Water Flow and Solute Transport in Soil, HYDRUS One Dimensional model, 2005. By Dr. F. Abbasi. Karaj, Iran
3. Drainage, 2006. Iranian National Committee on Irrigation and Drainage (IRNCID), Tavanir, Tehran, Iran
4. GIS in Water Engineering, 2007. Iranian Agricultural Engineering Research Institute. By Dr. B. Abolpour. Karaj. Iran

5. Automation of Irrigation systems (Training Workshop), 2008. Iranian Agricultural Engineering Research Institute. Karaj. Iran
6. Automation of Irrigation systems (Technical Workshop), 2008. Iranian Agricultural Engineering Research Institute. Karaj. Iran
7. Multi-Criteria Decision Making for Water Resources and Environment Management. 13Aug. 2008.Tabriz University. Iran
8. Technology in Agriculture. March 2010. East Azarbaijan Research Center for Agriculture and Natural Resources.
9. Electrical Technology in Agriculture. July. 2011. Fekr Bartar Institute. Tabriz. Iran

TEACHING

1. **Nasser, A.** and A. Akbarian. 1998 and 1999. Surface Irrigation Hydraulics (for MSc), the first semester 1998-1999. Faculty of Agriculture.Tabriz University, Iran.
2. **Nasser, A.** 2007. Workshop on Statistical Techniques for Agricultural Engineering Research. March 2007... Iranian Agricultural Engineering Research. Institute (IAERI). Karaj. Iran
3. **Nasser, A.** 2007. Workshop on Irrigation Scheduling for Wheat. May 2007. Agricultural Organization for East Azarbaijan Proviance, Extension Deputy.Tabriz. Iran
4. **Nasser, A.** 2008. Modern Numerical Methods in Irrigation and Drainage (for Msc Students), Tehran University. Iran
5. **Nasser, A.** 2008. Modern Numerical Methods in Water Resources Engineering (for Msc Students), Tehran University. Iran
6. **Nasser, A.** from 2011 up to Now. Drainage Engineering (for BS Students), Theory and Experiment.Tabriz, Paiamnur University. Tabriz, Iran
7. **Nasser, A.** up to Now. Ground Water (for BS Students), Tabriz, Paiamnur University. Theory and Experiment. Tabriz, Iran
8. **Nasser, A.** Soil, Water and Crop Relations (for BS Students), Tabriz, Paiamnur University. Tabriz, Iran
9. **Nasser, A.,** Irrigation systems (for BS Students), Tabriz, Paiamnur University. Tabriz, Iran
10. **Nasser, A.,** Open channel hydraulics (for BS Students), Tabriz, Paiamnur University. Tabriz, Iran
11. **Nasser, A.,** Irrigation systems (for Irrigation Engenieers), Tabriz, Paiamnur University. Tabriz, Iran

STUDENTS' THESES

1. Ghassabzadeh, M. 2008. Wheat irrigation in Tabriz. Shahid Sardari Education Center. Tabriz, Iran
2. Omid, A. 2009. Furrow Infiltration Parameters in Kostikov-Lewis Equation. Shahid Sardari Education Center. Tabriz, Iran
3. Ahadi, A. 2009. Climate Change in Ardabil. Shahid Sardari Education Center. Tabriz, Iran
4. Masoudi, T. 2008-2010. Safflower tolerance to salinity. Islamic Azad University. Iran
5. PourPasha, S. 2008-2010. Allelopathy Effects of Chenopodium Album, Convolvulus Arvensis and Descurainia Sophia Extracts on Germination of Some Wheat Varieties under Saline Conditions. Islamic Azad University. Iran
6. Ezzatpour, S. 2008-2010. Safflower Tolerance to Water Stress. Islamic Azad University. Iran
7. Mottaghifard, Z. 2009-2010. Deficit irrigation of Corn. Islamic Azad University. Iran
8. Mamashi-Ori, Kh. 2010. Evaluation of Interpolation Methods for Flow Velocity Earth Canals in Moghan Plain. Shahid Sardari Education Center. Tabriz, Iran
9. Nakhjevani, S. 2009-2011. Moisture Distribution in drip Irrigation. Science & Research University.
10. Afkhami, A. 2009-2011. Ground water and Drought. Islamic Azad University. Iran
11. Jamali alamdari,
12. Fayyazi,
13. Mamashi-Ori, Kh.

BOOKS

1. Editor of Persian Translation of "The Watsave Scenarios," 2008. Translated by Dr Nader Heydari. Working Group of Sustainable Utilization of Water Resources for Plant Production, 2008. Iranian National Committee on Irrigation and Drainage (IRNCID).
2. Nasser, A., Heydari, N., Vaziri, ZH. and Dehghanisanij, H. 2010. Water Saving in Agriculture (Translation). Working Group of

- Sustainable Utilization of Water Resources for Plant Production, 2010. Iranian National Committee on Irrigation and Drainage (IRNCID).
3. Editor of Persian Book entitled "Grape", 2010. Written by Kanani Notash R. and MB Khorshidi. Amidi Publication, Tabriz, Iran
 4. Nasser A & Abbasi F. Furrow Roughness Coefficient: Estimation by Hydrodynamic Model, Infiltration Equation Response to It. Lambert Academic Publishing.
 5. Nasser A , Fallahi H & Siadat A. Modeling Wheat Production from Nitrogen fertilization under Rainfed and Supplemental Irrigation Conditions. Lambert Academic Publishing.
 6. Nasser A & bahramloo R. Deficit Irrigation of Potato. Lambert Academic Publishing.
 7. Nasser A, Fallahi HA & Siadat A . Water Use Efficiency of Wheat under Supplemental Irrigation and Rainfed Conditions. Lambert Academic Publishing.
 8. Nasser A. Furrow Irrigation Furrow Irrigation: Some Experimental Experiences. Lambert Academic Publishing.
 9. Nasser, A., Proceeding of the Extension Manuscripts on Irrigation". Author, Tabriz. Iran
 10. Nasser, A., Analysis of Kinematic Wave Model for Furrow Irrigation With Finite Elements Method (Translation). Author, Tabriz. Iran

LIST OF PUBLICATIONS IN PEER REVIEWED JOURNALS

1. **Nasser, A.** 1998. Cotton Response to Irrigation Water. Sonboleh.V: 77, No: 99.
2. **Nasser, A.** 2005. Decreasing Frost Damage on Crops Using Sprinkler Irrigation. (Iranian) Scientific Bulletin of Climatological Research Institute.
3. **Nasser, A.** 1999. Analysis of Water Use Efficiency of Corn in Iran. Journal of Agricultural Engineering Research. 4(13):38-56.
4. **Nasser, A.** and A. lotfi-Sadigh, 1999. Computation of Water Volume Distributed by Sprinklers Using the Finite Elements and Finite Volume Methods. Journal of Agricultural Engineering Research. No:14
5. **Nasser, A.** and A. lotfi-Sadigh, 1999. The Effect of Nozzle Diameter Size on Wind Drift and Evaporation Losses. Journal of Agricultural Engineering Research .4(15):1-11

6. **Nasser**, A., 2001. Energy and Momentum Coefficients in Vegetated Canals. (Iranian) Journal of Agricultural Engineering Research. 2(7):1-12
7. **Nasser**, A., M. R. Neyshabari, A. Fakheri fard, M. Mogaddam and A. H. Nazemi. 2004. Field-Measured Furrow Infiltration Functions. Turkish Journal of Agriculture and Forestry. 28(2): 93-101
8. **Nasser** A., and M.R. Neyshabari, 2006. Estimation of Kostiakov Infiltration Parameters Using Initial Soil Moisture. Journal of Agricultural Sciences, Ankara University.12 (3): 267-276
9. **Nasser**, A. and Hossein Ali Fallahi, 2007. Water Use Efficiency of Winter Wheat under Deficit Irrigation. Journal of Biological Sciences. 7(1):19-26
10. Dehghanisani, H., **Nasser**, A., H.A.Yoji and A.E. Eneji. 2007. Effect of Deficit Irrigation on Vegetative Growth of Drip Irrigated Cherry Trees. Journal of Plant Nutrition. 30 (3): 411-425
11. **Nasser**, A., and M. R. Neyshabari, 2008. Path Analysis of Cumulative Infiltration in Furrows. Journal of Agricultural Engineering Research, AERI. 9(2):137-152
12. Salek Zamani, A., and **Nasser**, A. 2007. Tillage Method and Seed Rate Effects on Dry land Winter Wheat. Asian Journal of Plant Sciences. 6(5):864-868
13. **Nasser**, A., and M. R. Neyshabari and F. Abbasi, 2008. Effectual Components on Furrow infiltration. Irrigation and Drainage.57(4): 481-491
14. **Nasser**, A., Fallahi, H. A., Siadat, A., and Eslami-Gumush Tappeh, K. 2007. Protein and N-Use Efficiency of Rainfed Wheat Responses to Supplemental Irrigation and Nitrogen Fertilization. Archives of Agronomy and Soil Science. 55(3):315-325
15. **Nasser**, A., M. R. Neyshabari, and A. Fakherifard, 2008. Time Series analysis of Furrow Infiltration. Irrigation and Drainage (Published).
16. **Nasser**, A., 2008. Influence of Irrigation on Furrow Geometric Parameters. Research Journal of Agricultural Sciences. Guilan Univ. 1(9):65-75.
17. Salek Zamani, A., and **Nasser**, A. 2008. Response of Dryland Wheat Production and Precipitation Water Productivity to Planting Date. Asian Journal of Plant Sciences.7 (3):323-326.
18. **Nasser**, A., Fallahi, H. A., Siadat, A., and Eslami-Gumush Tappeh, K. 2008. Supplemental Irrigation Effects on Yield and Yield

Components of Rainfed Wheat. Submitted to the Communications in Soil Science and Plant Analysis.

19. **Nasser**, A., 2009. Precipitation Variation in Agricultural Plain of Moghan, North-West Iran. Submitted to the Journal of Agriculture and Social Sciences (Inpress).
20. Fallahi, H., **Nasser**, A. and Siadat, 2007. Wheat Yield Components are Positively Influenced by Nitrogen Application under Moisture Deficit Environments. International Journal Agriculture and Biology. 10:673-6
21. **Nasser**, A. and R. Bahramloo. 2008. Potato Cultivar Marfuna Yield and Water Use Efficiency Responses to Early-Season Water Stress. International Journal Agriculture and Biology. 11: 201-204
22. **Nasser**, A. and R. Bahramloo. 2009. Optimum Irrigation Events for Potato Cultivar Agria. International Journal Agriculture and Biology. 11:712-716.
23. Bahramloo, R. and A. **Nasser**. 2010. Effect of Deficit Irrigation on Yield and Water Use Efficiency of Potato Cultivar Sante. Iranian Journal of Irrigation and Drainage. 1: 98-108
24. Ghadami Firuz Abadi, A., **Nasser**, A. and Nosrati A.E. 2010. Water Use Efficiency and Yield of Garlic Responses to the Irrigation Systems, Intra-row Spacing and Nitrogen Fertilization. Journal of Food, Agriculture & Environment. 8(2): 344-346
25. **Nasser**, A. 2009. Responses of Grain and Straw Yields of Winter Wheat (cv. Tajan) to Limited Irrigation in Semi-Arid Environment. Submitted to the Turkish Journal of Field Crops.
26. Khorshdi, M.B., Yarnia, M. **Nasser**, A., Hassan-Panah, D. and Mousavizadeh, S.A. 2009. Transaction of the Institute of Microbiology of Azerbaijan National Academy of Sciences. VII:226-231
27. Yarnia, M., Khorshdi, M.B., **Nasser**, A. and Hassan-Panah, D. 2009. Drought Stress Effects in Different Growth Stages on Potato Cultivars. Transaction of the Institute of Microbiology of Azerbaijan National Academy of Sciences. VII:348-354
28. Khorshidi, M.B., Kanaani R., Onnabi A., **Nasser**, A. and Zabolostani, M. 2009. Iran Sainfoin Gene Pool Evaluation for Cold Regions of East Azarbaijan. Acta Physiologiae Plantarum. 31:S14-S28
29. Faramarzi, A., Hassan-Panah D., Khorshidi, M.B., Yarnia, M. Radayi,

- A. and **Nasser**, A. 2009. Drought Effects on Some Quantitative attributes of Six Spring Safflower Cultivars. *Acta Physiologiae Plantarum*.31:S34-S52
30. Niknezhad, D. and Nasser, A., 2015. Determining Runoff Coefficient for Different Surfaces of Catchment Systems to Harvest Rain Water for a Dryland Region. *Journal of Rainwater Catchment Systems*. 2(2):39-51.
31. **Nasser**, A. 2016. Relationship between Soil Phosphorous and Dry Matter of Dallisgrass (*Paspalum dilatatum* Poir.) in Vegetated Irrigation Canals. *Journal of Agricultural Sciences, Ankara University* (Published)
32. Salek Zamani, A., and **Nasser**, A. 2009. Precipitation Water Use Efficiency and Production of Dryland Safflower Responses to Plant density and Cultivar. Submitted
- 33.

LIST OF PUBLICATIONS and RESENTATIONS IN INTERNATIONAL AND NATIONAL MEETINGS

1. **Nasser**, A., M.R. Neyshabari and F. Pourabbas. 2006. Effects of Irrigation Events on Basic Infiltration Rate and Cumulative Infiltration. The second Conference on Watershed and Soil-Water Management. Feb. 2006. Kerman, Iran
2. **Nasser**, A., M.R. Neyshabari and A. Fakheri Fard. 2006. Effects of Soil and Water Characteristics on Furrow Infiltration. The second Conference on Watershed and Soil-Water Management. Feb. 2006. Kerman, Iran
3. **Nasser**, A, M.R. Neyshabari and A. Fakheri Fard. 2006. Time-depend Autocorrelation of Flow Advance along Irrigation Furrows. The 2nd Conference on Watershed and Soil-Water Management. Feb. 2006. Kerman, Iran
4. **Nasser**, A. and F. Pourabbas. 2006. Capabilities of Subsurface Drip Irrigation. The 2nd Conference on Watershed and Soil-Water Management. Feb. 2006. Kerman, Iran
5. **Nasser**, A. and F. Abbasi. 2006. Variability of Standard Shape of Furrow Geometric Parameters. The 2nd Confernce on Watershed and Soil-Water Mangement. Feb. 2006. Kerman, Iran

6. **Nasseri, A.** and F. Pourabbas. 2005. Response of Bean Yield to Water Stress The 1st Iranian Pulse Symposium. Mashad. Iran
7. **Nasseri, A.** and S. Latifi- Mamaghan. 2006. Climate change in Moghan plain. International Confererence on Human and Economic Resources, May 24-25, 2006, Izmir University of Economics, Turkey
8. **Nasseri, A.** and M.B. Khorshidi. 2006. Qanats: Environmental and Economical Aspects. International Conference on Human and Economic Resources, May 24-25, 2006, Izmir University of Economics, Turkey
9. **Nasseri, A.** and A. A. Mavahed- Danesh, 1993. Matricess Methods of Unit Hydrograph. 2nd Seminar of Agriculture Students of Tabriz University.
10. **Nasseri, A.** and D. Farsadizadeh. 1995. Sprinkler Droplet Size Functions. 4th Seminar of Agriculture Students of Tabriz University.
11. **Nasseri, A.** 1997. Increasing Irrigation Efficiency : As a Method of Sustainable Operating of Water Resources. Water Resources Congress, Education and Research Center of Azarbaijan, Tabriz, Iran.
12. **Nasseri, A.** 1997. Surge Irrigation and Advantages. Agricultural Research Center of Moghan. Iran
13. **Nasseri, A.** 1998. Water Use – Corn Yield Function Analysis in Iran. 5th Iranian Congress of Crop Production and Plant Breeding, Karaj, Iran
14. **Nasseri, A.** 1999. Analysis and Optimization of Water Use-Crop Yield Relations in Moghan. 9th Seminar of Iranian National Comittee on Irrigation and Drainage. Iran
15. **Nasseri, A.** 2006. Optimal Exploitation of Water Resources for Sustainable Agriculture. National Meeting on Development of Sustainable Agriculture. East Azarbaijan Agriculture Organization. Tabriz, Iran
16. **Nasseri, A.** 2005. Yield Function of Corn in the Regions of Iran. National Meeting on Corn. Kozestan Agriculture Organization. Iran.
17. Dehghanisani, H., **A. Nasseri**, M. Samar. 2005. Assessment of Cherry Trees Issues in Moghan Agro-industry with Respect of Soil and Water Management AAAE, International Agricultural Engineering Conference Bangkok, Thailand
18. Dehghanisani, H., and **A. Nasseri**, 2006. Improvement of Drip Irrigation Management on Cherry Trees. 7th International Micro Irrigation Congress. Malaysia, B-27:1-7

19. **Nasser**, A. 2006. Water Use Effects on Corn Production in Moghan, Tabriz and Khoy (Iran). 7th Meeting of Islamic Azad University on Agriculture and Natural Resources, Tabriz, Iran
20. **Nasser**, A. and G. Zareie. 2006. Applications, Advantages and Disadvantages of Subsurface Drip Irrigation (SDI). 2nd Workshop on Micro irrigation, AERI. Karaj, Iran
21. **Nasser**, A. and H. A. Fallahi, 2006. Water Use Efficiency of Winter Wheat under Different Management for Deficit Irrigation. International perspective on Environmental and Water Resources. 18-20 Dec. New Delhi, India
22. **Nasser**, A. and Khorshidi, M.B. 2006. Iran's Qanats: Structural, Environmental and Economic aspects. International perspective on Environmental and Water Resources. 18-20 Dec. New Delhi, India
23. **Nasser**, A. 2007. The Role of Improvement of Agricultural-Used Water in Food Security. Research Day and Agricultural Week. 4 January 2007. Tabriz, Iran
24. Khorshidi, M.B. and **Nasser**, A. 2007. Irrigation Water Saving for Corn with Deficit –Irrigation Strategy: Case Study for Tabriz Climate Condition. River Basin Management. 22-24 March 2007. DSI. Antalya. Turkey
25. Zarei, G. and **Nasser**, A. 2007. Automation of Microirrigation in Greenhouse. ICID. May 2007. Karaj.Iran
26. Zarei,G.and **Nasser**,A.2007.Historical, Structural and Environmental Features of the Qanat in Iran. The International History Seminar on Irrigation & Drainage. May 2-5 .IRNCID. Tehran. Iran
27. **Nasser**, A. 2007. Investigation of Probably Changes in Climate of Moghan Plain. 2nd Symposium on Agroecology. Gorgan, Iran
28. **Nasser**, A. and M. Mozaffari. 2007. Effect of Tillage on Soil Infiltration in Wheat Farm. 2nd Symposium on Agroecology. Gorgan, Iran
29. **Nasser**, A. 2008. Application of Neural Networks for furrow infiltration. 9th Irrigation Seminar. Kerman. Iran
30. **Nasser**, A. 2008. Effects of Inflow Rates on Variation of Furrow Cross Section. The second Seminar on Surface Irrigation.22 May 2008. Karaj. Iran
31. **Nasser**, A. and Neyshabari, M.R. 2008. Effect of Time Opportunity, Initial Soil Moisture, and Irrigation Events on Furrow infiltration. The second Seminar on Surface Irrigation .22 May 2008. Karaj .Iran

32. **Nasser**, A. 2008. Application of Artificial Neural Network with Principal Component Analysis in Furrow Infiltration Analysis. The second Seminar on Surface Irrigation. 22 May 2008. Karaj. Iran
33. **Nasser**, A. 2008. Trends of Precipitation and Temperature changes for Moghan climate condition. The first Workshop on Climate Change Effects on Water Resources Management, Feb. 2008. Iranian National Committee on Irrigation and Drainage (IRNCID), Tavanir, Tehran, Iran
34. Khorshidi, M.B., Rahimzadeh-Khoii, F., Nurmohammadi, G., **Nasser**, A. and Hasanpanah, D. 2008. Drought Effect on Potato Root/Shoot Ratio. 43rd Croatian and 3rd International Symposium on Agriculture. P: 188
35. Esazadeh, R., **Nasser**, A., Abedi, M.S., Hassanpanah, D. and Abdi M. 2008. Effect of ZnSO₄ Application on Potato Cultivars. 43rd Croatian and 3rd International Symposium on Agriculture. P: 189
36. **Nasser**, A. and Khorshidi, M.B. 2008. Water Use efficiency from Cutting Different Treatment of Irrigation Water during Growing Season of Potato. Potato Symposium, 10-11 June. Aradabil, Iran
37. Habibzadeh, A., **Nasser**, A. and M. Rafiee. 2007. Investigation of Quality and Quantity Status of Tasuj Plain Aquifers. The first Applied Geological Congress of IRAN. 15-16 May 2007. Islamic Azad University of Mashad, Iran
38. **Nasser**, A. 2008. Evaluation of Drought with SIAP Index for Moghan Plain. The Third National Conference on Water Resources Management, Sept. 2008. Tabriz, Iran
39. **Nasser**, A. 2008. Factors Affecting Furrow Infiltration. The Third National Conference on Water Resources Management, Sept. 2008. Tabriz, Iran
40. Khorshidi, M.B., **Nasser**, A., Baybordi, A., Farajnia, A. and Lemeii, J. 2008. Drought stress effects in different growth Stages on Potato Cultivars. Pp.68. IV Symposium on Vegetables and Potatoes, 9-12 September Plovdiv, Bulgaria
41. **Nasser**, A. and Khorshidi, M.B. 2008. Modeling of Tomato Water Use Efficiency in Moghan Plain (Northwest of Iran). pp.102. IV Symposium on Vegetables and Potatoes, 9-12 September Plovdiv, Bulgaria
42. Khorshidi, M.B. and **Nasser**, A. 2009. Water Use Efficiency of Tomato in Moghan Environment. The first National Congress on Tomato Production and Processing Technology, Mashad, Feb. 11-12, 2009. Iran

43. **Nasser**, A. and Khorshidi, M.B.2008. Water Use efficiency of Potato Cultivar Draga under Limited Irrigation. Islamic Azad University of Mahabad.
44. Yarahmadi, J., **Nasser**, A., and B. Fizizadeh. 2009. Evaluation of Stream Drought Characteristics of the Agmion Chai River on the Sahzab Hydrostation, International Conference on Water Resources, Shahrood University of Technology, Iran
45. Bahramloo R. and **Nasser**, A. 2010. Yield of Potato Cultivar Santeh Response to Deficit Irrigation Management. Submitted to the first Iranian Seminar on Sustainable Agriculture, Isfahan, Iran
46. Khorshidi, M.B, Kanaani R., Onnabi A., **Nasser**, A. and Zaboletani, M. 2009. Iran Sainfoin Gene Pool Evaluation for Cold Regions of East Azarbaijan. 8th International Conference on Eco-Physiological Aspects of Plant Responses to Stress Factors. 16-19 Sep. 2009, Cracow, Poland
47. Faramarzi,A., Hassan-Panah D., Khorshidi, M.B., Yarnia, M. Radayi, A. and **Nasser**, A. 2009. Drought Effects on Some Quantitative attributes of Six Spring Safflower Cultivars. 8th International Conference on Eco-Physiological Aspects of Plant Responses to Stress Factors. 16-19 Sep. 2009, Cracow, Poland
48. Ezzatpour,S., Khorshidi, M.B., and **Nasser** A. 2010. Evaluation of Vegetative and Yield Response of Safflower to Drought Stress. Iranian Conference on New Achievements on Oil Crops Productions. Islamic Azad University of Bojnourd, June 2010, Bojnourd, Iran
49. Ezzatpour,S., Khorshidi, M.B., **Nasser** A., Abdi A.,2010. Effect of Water Stress on Safflower Germination and Seedling Growth in Different Osmotic Potential Condition. Iranian Conference on New Achievements on Oil Crops Productions. Islamic Azad University of Bojnourd, June 2010, Bojnourd, Iran
50. Ezzatpour,S., Khorshidi, M.B., **Nasser** A., Abdi-Ghazi Jahani and Yazdchi M. 2010. Evaluation of Some Vegetative Attributes and Yield of Some Safflower in Stress Condition. Environmental Sciences Research Institute, Shahid Beheshti University, Tehran 24-26 July 2010. Tehran, Iran
51. **Nasser**, A. 2010. Application of Sprinkler Irrigation to Decrease Frost damage in Crops. Conference on Frost damage in Crops. May 2010.Tabriz, Iran
- 52.**Nasser**, A. 2011.Recommends to improve Irrigation Efficiencies in Surface Irrigation. East Azarbaijan Research Center for Agriculture and Natural Resources.

53. **Nasser, A.** 2011. Rainfall Analysis and Forecasting Yield of Rainfed Wheat. East Azarbaijan Research Center for Agriculture and Natural Resources.
54. Mottaghi, Z. **Nasser, A.**, Khorshidi, MB. and Valizadegan, E. 2010. Stomata Conductance in Corn Leaves under Stress Conditions. Sustainable Agriculture. Isfahan, Iran
55. Ezzatpur, S., Khorshidi, MB. and **Nasser, A.** 2010. Investigation of Drought Stress on Safflower Genotypes. Sustainable Agriculture. Isfahan, Iran
56. **Nasser, A.** 2011. Improving Irrigation Efficiencies of Surface Irrigation. Agricultural Organization. Mashad. Iran
57. Ezzatpur, S., Khorshidi, MB. **Nasser, A.** Abdi Ghazijahani, and Yazdchi, M. 2010. Investigating Vegetative Characteristics and Yield of Safflower under Drought Condition. Agronomy and Crop Breeding Congress. Tehran. Iran
58. Ezzatpur, S., Khorshidi, MB. and **Nasser, A.** 2010. Effects of Water Deficit Stress on Safflower Germination under Different Osmotic Potential. Sustainable Agriculture. Isfahan, Iran
59. Pourpasha, S., **Nasser, A.** Shahroukhi, Sh. and Khorshidi, MB. 2010. Interaction of Water Salinity and Weed Concentration on Wheat under Greenhouse Condition. Khorshidi, Sustainable Agriculture. Isfahan, Iran
60. Bahramloo, R. and **Nasser, A.** 2010. Optimum Irrigation Water in Potato (Santeh) Production. Sustainable Agriculture. Isfahan, Iran
61. Salek Zamani, A. and **Nasser, A.** 2010. **Development of Sustainable Agriculture with effective Rainfall Use Efficiency in Arid Area.** Sustainable Agriculture. Isfahan, Iran

LIST OF RESEARCH PROJECTS REPORTS

1. **Nasser, A.** 2000. Flow Resistance Coefficient in Vegetated Canals. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
2. **Nasser, A.** 1999. Annual Report of Response of Wheat Yield to Water Stress. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO).Iran
3. **Nasser, A.** 2000. Response of Wheat Yield to Water Stress. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO).Iran
4. **Nasser, A.** and F. Abbasi. 2001. Manning's Roughness for Furrow Irrigation. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO).Iran
5. Dehghanisani, H., **Nasser, A.** and M. Samar. 1997. Improvement of Cherry Drip Irrigation. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO).Iran
6. **Nasser, A.** 2006. Annual Report of Furrow Irrigation Hydraulics by Mathematical Models. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO).Iran
7. Mozaffari, M. and **Nasser, A.** 2006. Tillage Methods for Wheat Farms. Agricultural Research and Education Organization (AREO).Iran
8. **Nasser, A.** and Kheirkhah. 2006. Flood Spreading and Groundwater. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
9. **Nasser, A.** 2006. Final Report of Furrow Irrigation Hydraulics by Mathematical Models. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
10. **Nasser, A.** and Kheirkhah. 2007. Flood Spreading and Groundwater. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
11. **Nasser, A.** and Kheirkhah. 2008. Flood Spreading and Groundwater. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran

12. **Nasser, A.** 2009. Furrow Irrigation Hydraulics by Mathematical Models. Iranian Agriculture; Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
13. **Nasser, A.** and Kheirkhah. 2009. Flood Spreading and Groundwater. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
14. Sedghi, A.R. **Nasser, A.** and Khorshidi, MB. 2010. Annual report Soil Moisture and Potato Harvesting. Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
15. **Nasser, A.** and Kheirkhah. 2011. Final report of Flood Spreading and Groundwater. Iranian Agricultural Engineering Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
16. Sedghi, A.R. **Nasser, A.** and Khorshidi, MB. 2009. Final report Soil Moisture and Potato Harvesting. Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
- 17.

LIST OF ONGOING RESEARCH PROJECTS

1. Niknezhad, D., Rogani, A. and **Nasser, A.** from 2007. Rainfall-Runoff Relations. Watershed Management Institute. Iran
2. **Nasser, A.** Hydroflum. From 2010. Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
3. **Nasser, A.** from 2010. Filtration in Drip Irrigation. Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
4. **Nasser, A.** from 2011. Tomato Irrigation in Green House (in Tabriz). Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran
5. **Nasser, A.** from 2011. Water filtration in Drip Irrigation (in Tabriz). Institute (IAERI). Agricultural Research and Education Organization (AREO). Iran

MEMBERSHIP IN PROFESSIONAL SOCIETY

1. Member of Iranian Association of Irrigation and Drainage Engineering.
2. Iranian National Committee on Irrigation and Drainage (IRNCID)

HONORS AND RECOGNITIONS

- Member of Editorial Board of Journal of Asian Journal of Plant Sciences (Indexed in ISI and CABI Database). 2006. ISSN: 1682-3974.
- Member of Editorial Board of Journal of Applied Sciences (Indexed in ISI and CABI Database). From 2006 so far .ISSN:1812-5654.
- Reviewer of Journal of Agricultural Water Management (Indexed in ISI and CABI Database). From 2007.
- Reviewer of (Iranian) Journal of Agricultural Engineering Research (Indexed in CABI Database). ISSN: 1735-5672. From 2001 up to Now.
- Reviewer of Journal of Agricultural Sciences (in Farsi and Indexed in CABI Database and in Iranian Ministry of Sciences, Research and Technology, Scientific and Research Journal, Published by Tabriz University).
- Reviewer of Journal of Agricultural Research (in Farsi, Research Journal, Published by Bu-Alisina University, Hamedan, Indexed in Iranian Ministry of Sciences, Research and Technology).
- Reviewer of Journal of Agricultural Sciences (in Farsi, Research Journal, Published by Islamic Azad University, Tabriz, Iran. From 2007 up to now.
- Reviewer of Research Project Report Publishing by Iranian Agricultural Research Institut (IAERI). From 2001 up to now.
- Member of Editorial Board of Journal of Asian Journal of Plant Sciences (Indexed in ISI SCOPUS, Agris and CABI Database). 2008. ISSN: 1682-3974.
- Member of Editorial Board of Journal of Agronomy. (Indexed in SCOPUS, Agris and CABI Database). 2008. ISSN: 1812-5379
- Member of Editorial Board of the International Journal of Soil Sciences (Indexed in Agroasai and CABI Database). 2008. ISSN: 1816-4978.
- Session Member of the Second Conference on Watershed and Soil-Water Management. Feb. 2006. Kerman, Iran.
- Reviewer of Papers presented in National Meeting on Development of Sustainable Agriculture.2006.East Azarbaijan Agriculture Organization. Tabriz, Iran
- Reviewer of Papers Presented in the Second National Seminar on Surface Irrigation, 22 May 2008. Karaj, Iran
- Member of Working Group of Sustainable Utilization of Water Resources for Plant Production, 2008. Iranian National Committee on Irrigation and Drainage (IRNCID)

- Reviewer of Papers Presented in the Third National Conference on Water Resources Management, Sept. 2008. Tabriz, Iran.
- Reviewer of Iranian Journal of Irrigation and Drainage. Iranian Association of Irrigation and Drainage. From 2008 up to now.
- Head, 2010. Conference on Frost Damage in Crops. May 2010. Tabriz, Iran
- Reviewer of Journal of Agricultural Sciences (in Farsi, Research Journal, Published by Islamic Azad University, Tabriz, Iran. From 2007 up to now.
- Reviewer of Journal of Water and Irrigation management. Tehran University. From 2010 up to now.
- Session Member of the Third National Seminar on Sustainable Development of Pressurized Irrigation Methods Feb. 16, 2011. Karaj. Iran.
- Reviewer of Projects of Dept. Soil and Water. 2011. East Azarbaijan Agriculture Organization. Tabriz, Iran.

PROFESSIONAL SERVICE

1. Cooperation in Web-Site Design (English Language) for East Azarbaijan Research Center for Agriculture and Natural Resources.
2. Cooperation in Production of Multimedia Package for Extention of Onion Irrigation, Agricultural Organization of East Azarbaijan, Iran.

AWARDS

1. Outstanding Author of Paper Entitled “Optimal Exploitation of Water Resources for Sustainable Agriculture”. National Meeting on Development of Sustainable Agriculture. East Azarbaijan Agriculture Organization. Tabriz, Iran.
2. Outstanding Researcher on Agricultural Engineering Research. 2006. East Azarbaijan Agriculture Organization. Tabriz, Iran.
3. Outstanding Researcher on Agricultural Engineering Research. 2007. East Azarbaijan Agriculture Organization. Tabriz, Iran.
4. Outstanding Researcher on Agricultural Engineering Research. 2010. East Azarbaijan Agriculture Organization. Tabriz, Iran.

5. Outstanding Researcher on Agricultural Research in Tabriz. 2010. East Azarbaijan Agriculture Organization. Tabriz, Iran
6. Outstanding Agricultural Researcher. 2010. Iran
7. Outstanding Author of Paper Entitled “Decision Making in Selecting Appropriate Dripper”. National Meeting on Pressurized Irrigation. 2011. Karaj. Iran

RESEARCH ADMINISTRATIVE SERVICE

1. Head, Agricultural Engineering Research Department, Agricultural Research Center of Moghan, 1997 to 1998. Ardabil, Iran
2. Committee Member, Agricultural Research-Technical Committee, 1997 to 1998, Agricultural Research Center of Moghan, Ardabil, Iran
3. Committee Member, Agricultural Research, Education and Extension Committee, 1997 to 1998, Agricultural Research Center of Moghan, Ardabil, Iran
4. Committee Member, Committee of Cooperation between Agricultural Research Center of Moghan and University of Mohaggeg-E-Ardabili. 1997. Ardabil, Iran
5. Research Deputy, 2006 and 2007. East Azarbaijan Research Center for Agriculture and Natural Resources. Tabriz, Iran
6. Committee Member, 2010. Agricultural Research, Education and Extension Committee, East Azarbaijan Research Center for Agriculture and Natural Resources. Tabriz, Iran
7. Committee Member, 2010. Scientific and Technical Committee. East Azarbaijan Research Center for Agriculture and Natural Resources. Tabriz, Iran
8. Head, 2010. East Azarbaijan Research Center for Agriculture and Natural Resources. Tabriz, Iran
9. Committee Member, 2011. Scientific and Technical Committee on Saline Soil and Water. East Azarbaijan Research Center for Agriculture and Natural Resources. Tabriz, Iran

OTHER PROFESSIONAL ACTIVITIES

- Attendance in the 2nd Iranian Conference on Construction Experience of Hydraulic Structures and Irrigation and Drainage Networks (ICCHID). 23-25 October 2007. Tehran Univ. Irrigation and Drainage Dept., Iran

- Attendance in the First Water Engineering Feastival. 23-25 October 2007. Tehran Univ. Irrigation and Drainage Dept., Iran
- Attendance in the First National Affairs on New Technology of Pressurized Irrigation Systems. 22 October 2007. Karaj. Iran
- Attendance in the 2nd Iranian Conference on Construction Experience of Hydraulic Structures and Irrigation and Drainage Networks (ICCHID). 21-22 October 2009. Tehran Univ. Irrigation and Drainage Dept., Iran
- Attendance in the First Water Engineering Festival. 21-22 October 2007. Tehran Univ. Irrigation and Drainage Dept., Iran
- Attendance in the Second Water Engineering Festival. 2009. Tehran Univ. Irrigation and Drainage Dept., Iran
- Visiting the First National Affairs on New Technology of Pressurized Irrigation Systems. 2009. Karaj. Iran
- Visiting the first Symposium of Milk in East Azarbaijan, 1 May, 2011, Tabriz
- Visiting the 18 th International Exhibition of food, Food Technology and Agriculture, 6-9 June, 2011, Tehran, Iran
- Visiting the 7th City Furniture Exhibition of Iran –25 – 29 May, 2011, Tabriz
- Visiting the 7th Green Urban Exhibition of Iran, 25 – 29 May, 2011, Tabriz
- Visiting the 5th International Exhibition of Plants and Flowers & Horticultural Equipment of Iran – 25 – 29 May, 2011, Tabriz
- Visiting the 5th Great International Machinery Exhibition of Iran 09 – 13 June, 2011, Tabriz
- Visiting the 8th International Steel, Mines, Metal, Foundry and Metallurgy Industries and Related Equipments Trade Fair of Iran 09 – 13 June, 2011, Tabriz
- Visiting the 3rd International Exhibition of Machine Tools, Industrial Automation & Instrumentation of Iran 09 – 13 June, 2011, Tabriz
- Visiting the 9th International Livestock, Poultry, Aquatic & Relevant Industries Exhibition of Iran 22 – 25 June, 2011, Tabriz
- Visiting the 8th International Exhibition of Machineries, Equipment, Accessories Raw Material of Wood Industry of Iran 04 – 08 July, 2011, Tabriz
- Visiting the 8th International Exhibition of Home & Office Furniture Interior Design & Decoration of Iran 04 – 08 July, 2011, Tabriz

Date: 24/5/2011

A. Nasseri

- Visiting the 7th International Exhibition of Kitchen, Bath, Sauna & Pool Equipment of Iran 04 – 08 July, 2011, Tabriz
- Visiting the 15th International Packaging and Printing Industry and Machineries Trade Fair of Iran 14 – 17 July, 2011, Tabriz
- Visiting the 10th International Marketing and Advertising Industry Exhibition of Iran 14 – 17 July, 2011, Tabriz
- Visiting the 13th International Leather and Skin Products and Machineries Exhibition of Iran 14 – 17 July, 2011, Tabriz
- Visiting the 13th International Shoe and Bag Industry Exhibition of Iran, 14 – 17 July, 2011, Tabriz
- Visiting the 14th International Electronics, Computers, Office Machines, & Instruments Trade Fair of Iran 25 – 29 July, 2011, Tabriz
- Visiting the 10th International Audio, Video, Photography and Filming Trade Fair of Iran 25 – 29 July, 2011, Tabriz
- Visiting the 4th International Mobile Phone and Accessories Trade Fair of Iran 25 – 29 July, 2011, Tabriz
- Attendance in the 12nd Iranian Congress on soil Sciences, Tabriz, Iran, Sept. 2011