

## Curriculum vitae

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**Manoochehr Gholipoor**

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**Date of Birth: 12/08/1970**

**Place of Birth: Shahrekored, Iran**

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### ***Research Focus***

**Research interests are the influence of the abiotic environment on crop growth, development and yield. The simple models have been undertaken to better understand the interactions between the environment and crops.**

### ***Publications***

#### **International Journals**

**Gholipoor, M.** 2009. Past runoff trend for declivitous farms of Iran. Res. J. Environ. Sci. 3 (3), 299-310. [Full text](#)

**Gholipoor, M., Soltani, A.** 2009. Future climate impacts on chickpea in Iran and ICARDA. Res. J. Environ. Sci. 3 (1), 16-28. [Full text](#)

**Gholipoor, M.** 2008. Quantifying threshold frost hardiness for overwintering survival of wheat in Iran, using simulation. International J. Plant Production 2(2), 125-136. [Full text](#) (At this time, the paper should be searched in the home page of journal).

**Gholipoor, M.** 2008. Comparative evaluating the climate-related runoff production in slopped-farms of Iran, using simulation. Asian J. Agric. Res. 2, 45-55. [Full text](#)

**Gholipoor, M., Soltani, A.,** 2008. Assessing potential drought avoidance for five crops in Iran. International J. Agric. Res., 3(3): 202-210. [Full text](#)

**Gholipoor, M.** 2008. Evaluating past surface air temperature change in Tabriz, Iran using hourly-based analyzing. International J. of Agric. Res., 3(2): 131-139. [Full text](#)

- Gholipoor, M.** 2007. Potential effects of individual versus simultaneous climate change factors on growth and water use in chickpea. *International Journal of Plant Production*, 1(2): 189-204. [Full text](#) (At this time, the paper should be searched in the home page of journal).
- Soltani, A., **Gholipoor, M.** and Ghassemi-Golezani, K. 2007. Analysis of temperature and atmospheric CO<sub>2</sub> effects on radiation use efficiency in chickpea (*Cicer arietinum* L.). *J. Plant Sci.*, 2: 89-95. [Full text](#)
- Soltani, A., **Gholipoor, M.**, 2006. Teleconnections between El Niño/Southern Oscillation and rainfall and temperature in Iran. *International J. of Agric. Res.*, 1(6): 603-608. [Full text](#)
- Shahsavani, S. and **Gholipoor, M.** 2006. The relationships between different forms of sulphur with soil properties and with organic carbon and nitrogen in Northern soils of Iran. *J. Agric. Res. & Dev.*, 2:15-24.
- Soltani, A., **Gholipoor, M.** and Zeinali, E. 2006. Seed reserve utilization and seedling growth of wheat as affected by drought and salinity. *Environmental and Experimental Botany* 55: 195-200. [Full text](#)
- Gholipoor, M.**, Shahsavani, S. 2005. Path coefficient analysis: A simple SAS program for nonorthogonal independent variables. *J. Agric. Res. & Dev.*, 1: 116-119.
- Alyari, H., Shekari, F., Motallebi, A., Shekari, F.B., **Gholipoor, M.** 2004. Effects of different salt concentrations on seed germination and seedling growth Iranian alfalfa (*Medicago sativa* L.) populations. *Turkish J. Field Crops*, 9: 22-31.
- Gholipoor, M.**, Soltani, A., Shekari, F., Shekari, FB. 2002. Effects of salinity on water use efficiency and its components in chickpea (*Cicer arietinum* L.). *Acta Agronomica Hungarica*, 50: 127-134. [Full text](#)
- Gholipoor, M.**, Ghassemi-Golezani, K., Khoosheh, F.R., Moghaddam, M. 2000. Effects of salinity on initial seedling growth of chickpea (*Cicer arietinum* L.). *Acta Agronomica Hungarica*, 48: 337-343. [Full text](#)

### **National Journals (Text in Persian; Abstract in English)**

- Gholipoor, M.** and Soltani, A. 2006. Quantitative evaluating the interactive effects of soil properties and plant traits on rainfed-wheat in Gorgan. *J. Agric. & Natural Resources*, 55: 115-122.
- Gholipoor, M.** and Soltani, A. 2005. Evaluating climate change effects on growth and grain yield of irrigated- and rainfed-winter-wheat in Tabriz, using simulation. *J. of Agric. Sci.*, 15: 55-68.
- Soltani, A., **Gholipoor, M.** and Hajizadeh, A. 2005. SBEET: A simple model for simulating and modeling the growth and yield of sugar beet. *J. of Agric. Sci. & Tech.*, 19: 11-26.

- Soltani, A. and **Gholipoor**, M. 2006. Simulating the effect of climate change on growth and water use of chickpea. *J. Agric. & Natural Resources*, 40: 97-105.
- Gholipoor**, M., Rahimzadeh-khoii, P., Ghasemi, K. and Moghaddam, M. 2003. Effects of salinity on chickpea in heterotrophic stage. *J. Agric. & Natural Resources*, 40: 97-105.

### **International Conferences**

- Gholipoor**, M., Shamsavani, S. 2008. Simulation study of past climate change effects on chickpea phenology at different sowing dates in Gorgan, Iran. International Meeting on Soil Fertility, Land Management and Agroclimatology, Kusadasi, Turkey.
- Gholipoor**, M. 2008. Evaluating the effect of crop residue on water relations of rainfed chickpea in Maragheh, Iran, using simulation. International Meeting on Soil Fertility, Land Management and Agroclimatology, Kusadasi, Turkey.
- Shekari, F., Bozorgzadeh, M.E., Shekari, F.B., Zangani, E., **Gholipoor**, M., Hagnazari, A. 2006. Effects of water stress during different growth stages of Pinto Bean (*Phaseolus vulgaris*). First International Conference on Indigenous Vegetables and Legumes, ICRISAT, Hyderabad, India.
- Gholipoor**, M., Soltani, A. 2006. Potential individual versus simultaneous climate change effects on chickpea. First International Conference on Indigenous Vegetables and Legumes, ICRISAT, Hyderabad, India.
- Shekari, F., Shekari, F.B, **Gholipoor**, M., Alyari, H., Javnashir, A. and Vakili, H.T. 2004 (11-16 May). Allelopathic effects of catnip (*Nepeta meyeri* L.) on dodder (*Cuscuta* spp). 15<sup>th</sup> International Plant Protection Congress, Beijing, China.

### **National Conferences (Abstract in Persian; In some cases, abstract is also in English)**

- Gholipoor**, M. 2008. Simulation of drought stress effect on leaf area of winter canola cv. Okapi. The 10<sup>th</sup> Iranian Congress of Crop Sciences, Karaj, Iran.
- Gholipoor**, M. 2008. Simulation of effect of plant density on variation in marketable size of tubers in potato. The 10<sup>th</sup> Iranian Congress of Crop Sciences, Karaj, Iran.

- Basiri, M., **Gholipoor, M.**, Abbasdokht, H., Kamkar, B. 2008. Effects of planting date on phyllochoron and leaf number in Nutrifeed millet in Shahrood. The 10<sup>th</sup> Iranian Congress of Crop Sciences, Karaj, Iran.
- Sharafi, S., Mallahi, S., **Gholipoor, M.**, Ghasemi, S. 2008. Seed reserve utilization rate and seedling growth rate of two Pinto bean cultivars as affected by salinity. The 1<sup>st</sup> National Symposium on Seed Science and Technology. Gorgan, Iran.
- Damghani, F., **Gholipoor, M.**, Amerian, M.R. 2008. Interaction of accelerated aging, priming and seed inoculation on some traits of maize. The 1<sup>st</sup> National Symposium on Seed Science and Technology. Gorgan, Iran.
- Gholipoor, M.**, Sharafi, S. 2008. Evaluating the effect of allelopaty of corn and wheat stubbles on seed reserve utilization and seedling growth of wheat cultivars. The 1<sup>st</sup> National Symposium on Seed Science and Technology. Gorgan, Iran.
- Gholipoor, M.**, Mohammadi, Y. 2008. Evaluating the germination response of wheat to stationary magnetic field. 1<sup>st</sup> National Symposium on Seed Science and Technology. Gorgan, Iran.
- Sharafi, S. Ghasemi, S. **Gholipoor, M.** Salehi-Arjmand, H., Amiri. H. 2008. Evaluation of autotoxic effects and magnetic field on the wheat germination. 2<sup>nd</sup> National Conference on Weeds, Mashhad, Iran.
- Gholipoor, M.**, Soltani, A. 2006. Determining effective traits on yield of rainfed-chickpea in Kermanshah, using simulation. First National Symposium on Biotechnology. Razi University of Kermanshah, Kermanshah, Iran.
- Gholipoor, M.**, Soltani, A. 2006. Quantitative evaluating the effects of population density and planting date on time to canopy closure, and length of exponential and linear growth of chickpea. Proceedings of 9<sup>th</sup> Iranian Crop Science Congress, Aug. 27-29, Aboureyhan Campus- University of Tehran, Tehran, Iran.
- Gholipoor, M.**, Soltani, A., Shekari, F., Shekari, FB., Karimi, S., 2006. Quantitative evaluation of climate change during past 44 years of Kermanshah and its effect on chickpea phenology, using simulation. Proceedings of 9<sup>th</sup> Iranian Crop Science Congress, Aug. 27-29, Aboureyhan Campus- University of Tehran, Tehran, Iran.
- Gholipoor, M.**, Soltani, A., Sharafi, S., 2006. Determining optimum sowing date for dormant seeding of chickpea in Kermanshah using simulation. Proceedings of 9<sup>th</sup> Iranian Crop Science Congress, Aug. 27-29, Aboureyhan Campus- University of Tehran, Iran.
- Gholipoor, M.**, Soltani, A., Mosayyebi, S., 2006. Comparing relative effects of temperature and photoperiod on development rate of chickpea, using simulation. Proceedings of 9<sup>th</sup> Iranian Crop Science Congress, Aug. 27-29, Aboureyhan Campus- University of Tehran, Iran.
- Sharafi, S., Ghasemi, F. and **Gholipoor, M.** 2006. Effect of planting date, seeding depth and seeding rate on yield and some traits of *Medicago scutellata* Var Rabinson. Proceedings of 9<sup>th</sup> Iranian Crop Science

- Congress, Aug. 27-29, Aboureyhan Campus- University of Tehran, Iran.
- Gholipoor, M.,** Soltani, A., 2005. Effect of past climate change on run-off in Gorgan. Proceedings of 5<sup>th</sup> Iranian Hydrolic Conference, Nov. 8-10, Shahid Bahonar University of Kerman, Kerman, Iran.
- Gholipoor, M.,** Soltani, A., 2005. Optimizing planting management in dormant sowing of chickpea using simulation. Proceedings of 1<sup>st</sup> Iranian Pulse Symposium, Nov. 20-21, Ferdosi University of Mashhad, Mashhad, Iran.
- Gholipoor, M.,** Soltani, A., Zeinali, E. and Sarparast, F. 2005. Quantifying critical concentrations of nitrogen in chickpea. Proceedings of 1<sup>st</sup> Iranian Pulse Symposium, Nov. 20-21, Ferdosi University of Mashhad, Mashhad, Iran.
- Gholipoor, M.,** Torabi, B., , Zeinali, E., Sarparast, F. and Soltani, A. 2005. Quantifying cardinal temperature and parameters of photoperiod for modeling of chickpea. Proceedings of 1<sup>st</sup> Iranian Pulse Symposium, Nov. 20-21, Ferdosi University of Mashhad, Mashhad, Iran.
- Gholipoor, M.,** Soltani, A., Torabi, B., Zeinali, E., Sarparast, F. and 2005. Determining the appropriate temperature time step for simulating the phenology of chickpea. Proceedings of 1<sup>st</sup> Iranian Pulse Symposium, Nov. 20-21, Ferdosi University of Mashhad, Mashhad, Iran.
- Gholipoor, M.,** Soltani, A., Torabi, B., Zeinali, E., Sarparast, F. and 2005. Quantifying the accumulation and distribution of nitrogen in chickpea. Proceedings of 1<sup>st</sup> Iranian Pulse Symposium, Nov. 20-21, Ferdosi University of Mashhad, Mashhad, Iran.
- Gholipoor, M.,** Soltani, A., 2005. Effect of past climate change on runoff in sloped farms of Gorgan. 5<sup>th</sup> Conference of Hydraulic. Kerman, Iran.
- Gholipoor, M.,** Soltani, A., 2004. Evaluating desired traits for rainfed-chickpea in Tabriz, using simulation. Proceedings of 8<sup>th</sup> Iranian Crop Science Congress, Guilan, Iran.
- Gholipoor, M.,** Soltani, A., 2004. Quantitative evaluating the effects of plant cover, land slope and soil moisture content on runoff, using simulation. Proceedings of 8<sup>th</sup> Symposium of Geology. Sahrood, Iran.
- Gholipoor, M.,** Soltani, A., 2004. RUNOFF1 software for calculating runoff, and a database for value of runoff in different climatic and edaphic conditions of Iran. Proceedings of 3<sup>rd</sup> symposium of range and range management. Karaj, Iran.
- Gholipoor, M. 2003.** Evaluating the salinity effects on chickpea. Proceedings of 8<sup>th</sup> Congress of Soil Sciences, Guilan, Iran.
- Gholipoor, M. 2002.** Effects of salinity on Desi- and Kabuli-type cultivars of chickpea (*Cicer arietinum* L.). Proceedings of 7<sup>th</sup> Iranian Crop Science Congress, Karaj, Iran.

**Gholipoor, M.,** Rahimzadeh-khoii, Moghaddam, M. and Shakiba, M. 2000.  
Determining appropriate planting date, measuring the yield and  
analyzing the growth of potato. Proceedings of 5<sup>th</sup> Iranian Crop Science  
Congress, Karaj, Iran.

### **Translation of English Book to Persian**

Jan VanderMeer, 1992. The Ecology of Intercropping Systems. Cambridge  
University Press.

**Translators:** Javanshir, Dabbagh, Hamidi and **Gholipoor**.