

Curriculum Vitae (C.V.)



1- Personal Identification:

First name: **Mahdi**

Last name: **Sarai Tabrizi**

Birthday: **26 October 1982**

Nationality: **Iranian**

Marital Status: **Single**

Office Address: **Science and Research Branch, Daneshgah Blvd, Simon Bulivar Blvd, Tehran, Iran, Post Office Box: 14515/775**

Telephone: **00982144867174-5313**

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Language:

Persian: **Native speaker**

English: **(Preintermediate) good both written and spoken**

2- Academic Degrees:

2-1- Ph.D.

From **2011 to 2014**

Grade Point Average (GPA): **18.68** out of **20.00**

Branch: **Agricultural Engineering**

Major: **Irrigation and Drainage**

From: **Department of Water of Sciences and Engineering, Science and Research Branch, Islamic Azad University, Tehran – Iran (<http://srbiau.ac.ir/>)**

Dissertation Subject:

Modeling Root Water Uptake under Simultaneous Water, Salinity and Nitrogen stresses Conditions

2-2- M. Sc.

From **2007 to 2009**

Grade Point Average (GPA): **17.65** out of **20.00**

Branch: **Agricultural Engineering**

Major: **Irrigation and Drainage**

From: **Department of Water of Sciences and Engineering, Science and Research Branch, Islamic Azad University, Tehran – Iran (<http://srbiau.ac.ir/>)**

Dissertation Subject:

Improving Water Use Efficiency Using Partial Root Drying Technique (Case Study: Soybean)

2-3- Computer Programming Skills:

2-4-1- Delphi (Visual Pascal) Programming

2-4-2- SWAP 2.07d Software

2-4-3- Cropwat 8.0 & Cropwat 4.2 Software

2-4-4- Budget Software

2-4-5- Auto Cad 2007 Software

2-4-6- Catch3D Software

2-4-7- Office XP 2003

2-4-8- AquaCrop

2-4-9- GA, MOGA, and SA Optimization Toolbox of MATLAB

2-4-10- WIN-SRFR

3- Publications:

3-1- ISI Journal Papers:

1- **Sarai Tabrizi, M.**, Parsinejad, M. and Babazadeh, H. 2012. Efficacy of partial root drying technique for optimizing soybean crop production in semi-arid regions. *Irrigation and Drainage*, 61(1): 80-88 (WOS: IF=1.0108).

2- Parsinejad, M., BemaniYazdi, A., Araghinejad, Sh., Pouyan Nejadhashemi, A. and **Sarai Tabrizi, M.** 2013. Optimal Water Allocation in Irrigation Networks Based on Real Time Climatic Data. *Agricultural Water Management*, 117: 1-8 (WOS: IF=2.333).

3- Babazadeh, H. and **Sarai Tabrizi, M.** 2013. Combined Optimization of Soybean Water Productivity and Crop Yield by Multi-Objective Genetic Algorithm (MOGA). *Irrigation and Drainage*, 62: 425-434 (WOS: IF=0.717).

4- Babazadeh, H. and **Sarai Tabrizi, M.** and Hosanpour Darvishi, H. 2016. Adopting Adequate Leaching Requirement for Practical Response Models of Vegetables with Short-Root to Salinity. *International Agrophysics*, 30: 275-283 (WOS: IF=1.067).

5- Babazadeh, H., **Sarai Tabrizi, M.** and Homaei, M. 2016. Assessing and modifying macroscopic root water extraction basil (*Ocimum basilicum*) models under simultaneous water and salinity stresses. *Soil Science Society of America Journal*, (**Acceptad**) (WOS: IF=1.75).

6- Babazadeh, H., **Sarai Tabrizi, M.** and Homaei, M. 2016. Root Water Uptake Derived Models Under Combined Water and Nitrogen Deficit Stresses Conditions. *Irrigation and Drainage*, (**Acceptad**) (WOS: IF=0.565).

3-4- Membership in Specialized Societies, commissions and committees:

1. Member of Iranian National Committee on Irrigation and Drainage (www.irncid.org).
2. Member of Iranian Association of Irrigation and Drainage (www.IJID.org).
3. Member of Iranian Hydraulic Association (www.iha.ir).
4. Member of Watershed Management Society of Iran (www.wmsi.ir).
5. Member of Iranian Water Resources Association (IR-WRA) (www.irwra.com).
6. Member of Agricultural & Natural Resources Engineering Organization of Tehran Province (ANREO) (www.anreo.com).
7. Member of International Commission on Irrigation and Drainage (www.icid.org).

Tuesday, January 12, 2017

Mahdi Sarai Tabrizi

Tehran, IRAN