

## **Dr. Mahdi Gheysari**

Department of Water Engineering

Isfahan University of Technology

Isfahan, Iran

Tel: 98-313-391-3367, Fax: 98-313-391-2254

Email: [gheysari@cc.iut.ac.ir](mailto:gheysari@cc.iut.ac.ir), [gheisari@yahoo.com](mailto:gheisari@yahoo.com)

<http://gheysari.iut.ac.ir/>

Author ID: 22953335700

ORCID icon <http://orcid.org/0000-0003-2487-7301>

I am an Associate Professor in the Department of Water Engineering at Isfahan University of Technology (IUT) and in charge of Iranian Commission of Irrigation and Drainage in Isfahan. I conducted 12 research projects during 17 years working at IUT. I have supervised 8 PhD candidates and 50 MSc students yet. I served as the Head of Department of Water Engineering for two years (14 staff and ~180 students), the Vice-chancellor and the Head of University of Applied Science and Technology in Isfahan (~1500 staff and ~18500 students) in 2016 and 2018, respectively.

### **Education**

Ph.D. Water Science and Irrigation Engineering, Tarbiat Modares University, Tehran, Iran, 2006.

M. S. Irrigation and Drainage Engineering, Tarbiat Modares University, Tehran, Iran, 2000.

B. S. Irrigation and Drainage Engineering, Isfahan University of Technology, Isfahan, Iran, 1998.

### **Employment**

Chairman of the Board of knowledge enterprise company, Middel East Paydar Kesht Hoosh. 11/19 to present.

President of Isfahan University of Applied Sciences, Iran, 11/17 to 11/19.

Vice President for Science and Research, Isfahan University of Applied Sciences, Iran, 9/16 to 11/18.

Department Head, Department of Water Engineering, Agricultural Collage, Isfahan University of Technology, Iran, 1/15 to 9/16

Associate professor, Department of Water Engineering, Agricultural Collage, Isfahan University of Technology, Iran, 6/16 to present.

In charge of Iranian Commission of Irrigation and Drainage in Isfahan, subcommittee of ICID. 2/14 to present.

Assistant professor, Department of Water Engineering, Agricultural Collage, Isfahan University of Technology, Iran, 9/08 to 6/16.

Visiting Scientist Soil Science Department, University of Manitoba, Canada, 6/12-8/12

Postdoc. Biological and agricultural Engineering Department, The University of Georgia, USA, 3/07-8/08.

Visiting Scientist. Biological and agricultural Engineering Department, The University of Georgia, USA, 9/06 – 3/07.

## **Current Research**

Precision Irrigation

Precision Agricultural,

Water productivity,

Crop Modeling and Irrigation Management

Sprinkler and Trickle Irrigation

Urban Microclimate

Landscape Irrigation

Nurseries Evapotranspiration,

## Book Chapter

Gheysari, M., Loescher H. W., Sadeghi, S.H., Mirlatifi, S.M., Zareian, M. J., Hoogenboom, G., 2015. Water-Yield Relations and Water Use Efficiency of Maize Under Nitrogen Fertigation for Semiarid Environments: Experiment and Synthesis. In: Sparks, D.L. (Ed.), *Advances in Agronomy*, pp. 175-229.

## Selected Refereed Journals

<https://scholar.google.com/citations?user=Ecm0-PAAAAAJ&hl=en>

- [Evaluating the spatiotemporal variations of daytime surface and canopy urban heat islands: an arid climate case study](#) 2023  
E Shafieiyoun, M Gheysari, M Khiadani, J Abedi Koupai  
Journal of Environmental Planning and Management 66 (14), 2985-3006
- [Selection of the best nitrogen fertilizer management scenario in wheat based on Palmer drought severity index with an environmental perspective](#) 2023  
S Amirhajloo, M Gheysari, M Shayannejad, M Shirvani  
European Journal of Agronomy 151, 126980
- [Effects of inoculation with four mycorrhizal species on seed phenolic and fatty acids of sesame plants grown under different irrigation regimes](#) 2023  
M Ghasemi, M Zahedi, M Gheysari, MR Sabzalian  
Scientific Reports 13 (1), 16482
- [Analyzing the Effects of Planting Date on the Uncertainty of CERES-Maize and Its Potential to Reduce Yield Gap in Arid and Mediterranean Climates](#) 1 2023  
M Ghobadi, M Gheysari, M Shayannejad, H Dokoochaki  
Agriculture 13 (8), 1514

- [Regional Frequency Analysis of Drought Severity of SEI-SRI and SEI-SSI Indices in Common Duration Using Multivariate L-Moments and Copula Functions \(Case Study: Karkheh River ...](#) 2022  
S Parvizi, S Eslamian, M Gheysari, AR Gohari, S Soltani Kopai, ...  
JWSS-Isfahan University of Technology 26 (3), 159-175
- [Determining the Optimal Planting Date, Yield and Water Productivity Indicators of Wheat with the CERES-Wheat model \(case study: Zayandeh Rud Catchment Area and Northwest of ...](#) 2022  
S Amirhajloo, M Gheysari, M Shayannejad  
Iranian Journal of Irrigation & Drainage 16 (5), 950-962
- [The effect of water and nitrogen on drip tape irrigated silage maize grown under arid conditions: Experimental and simulations](#) 4 2022  
F Mohamadzade, M Gheysari, H Eshghizadeh, MS Tabatabaei, ...  
Agricultural Water Management 271, 107821
- [An attempt to find a suitable place for soil moisture sensor in a drip irrigation system](#) 20 2022  
Z Amiri, M Gheysari, MR Mosaddeghi, S Amiri, MS Tabatabaei  
Information Processing in Agriculture 9 (2), 254-265
- [Regional frequency analysis of drought severity and duration in Karkheh River Basin, Iran using univariate L-moments method](#) 1 2022  
S Parvizi, S Eslamian, M Gheysari, A Gohari, SS Kopai  
Environmental Monitoring and Assessment 194 (5), 1-23
- [Automatic extraction of canopy and artificial reference temperatures for determination of crop water stress indices by using thermal imaging technique and a fuzzy-based image ...](#) 5 2022  
P Shoa, A Hemmat, R Amirfattahi, M Gheysari  
Quantitative InfraRed Thermography Journal 19 (2), 85-96
- [Yield and Water Productivity of Wheat for Two Planting Dates Under Supply-Oriented Water Management in The East of Isfahan](#) 2022  
M Khosravi Fard, M Gheysari, M Shayannejad  
Journal of Soil and Plant Interactions-Isfahan University of Technology 12 ...
- [Fast spectrophotometric measurement of nitrate in water, soil and plant](#) 2022  
S Amirhajloo, M GHEYSARI, M SHAYANNEJAD  
Journal of New Approaches in Water Engineering and Environment 1 (2), 37-45
- [Effect of micro climatic indices on the accuracy of thermographic plant water status monitoring, case study of a semi-arid area](#) 6 2021  
P Shoa, A Hemmat, M Gheysari, R Amirfattahi  
Quantitative InfraRed Thermography Journal 18 (5), 283-299
- [Investigation of hydraulic characteristics and developed equations for subsurface leaky irrigation system](#) 2021  
A Maleki, M Gheysari, MR Mosaddeghi, N Akbari  
Iranian Journal of Irrigation & Drainage 15 (4), 805-816

- [Crop yield and irrigation water productivity of silage maize under two water stress strategies in semi-arid environment: Two different pot and field experiments](#) 10 2021  
M Gheysari, F Pirnajmedin, H Movahedrad, MM Majidi, MJ Zareian  
Agricultural Water Management 255, 106999
- [Effect of Treflan Injection on Decline of Emitter Clogging by Roots of Two Grass Species under Subsurface Drip Irrigation](#) 2021  
A Shahidani, M Gheysari, A Nikbakht, Z Mosharrafian  
Iranian Journal of Irrigation & Drainage 15 (3), 679-689
- [Comparing Double Ring and Ponding Time Methods for Measuring Water Infiltration in Different Soils under Sprinkler Irrigation](#) 2021  
A Ardehshiri, M Gheysari, MR Mosaddeghi, M Ghanbarian  
Iranian Journal of Soil and Water Research 52 (5), 1327-1336
- [Genetic variability of seed yield and oil nutritional attributes in linseed dominated by biennial variation](#) 1 2021  
E Ataie, A Mirlohi, MR Sabzalian, SAH Goli, N Sadri, N Sharif-Moghaddam, ...  
Crop and Pasture Science 72 (6), 443-457
- [Root adaptation of urban trees to a more precise irrigation system: Mature olive as a case study](#) 3 2021  
F Mohamadzade, M Gheysari, M Kiani  
Urban Forestry & Urban Greening 60, 127053
- [The combined effect of nitrogen fertilizer and sowing season on response to water-limited stress in barley \(Hordeum vulgare L.\)](#) 2 2021  
S Bardehji, HR Eshghizadeh, M Zahedi, MR Sabzalian, M Gheysari  
The Journal of Agricultural Science, 1-19
- [Effect of Soil Suction Threshold Value of Irrigation Management and Crop Rotation on Yield and Water Use Efficiency of Maize](#) 2020  
F Mohamadzade, M Gheysari, HR Eshghizadeh  
Iranian Journal of Irrigation and Drainage 14 (4), 1199-1210
- [Quantifying microclimatic conditions: An attempt to more accurately estimate urban landscape water requirements](#) 6 2020  
P Shojaei, M Gheysari, B Myers, H Esmaeili  
Urban Forestry & Urban Greening 54, 126767
- [Assessment of reference evapotranspiration across an arid urban environment having poor data monitoring system](#) 11 2020  
E Shafieiyoun, M Gheysari, M Khiadani, JA Koupai, P Shojaei, ...  
Hydrological Processes 34 (20), 4000-4016
- [Evaluation of Late Maturing Corn Hybrids for Yield and Water use Efficiency under Different Irrigation Regimes and Split-Application of Nitrogen Fertilizer](#) 4 2020  
M Tavangar, HR Eshghizadeh, M Gheysari  
JWSS-Isfahan University of Technology 24 (2), 235-249

- [Interactive effects of sowing date and nitrogen fertilizer on water and nitrogen use efficiency in millet cultivars under drought stress](#) 9 2020  
A Nematpour, HR Eshghizadeh, M Zahedi, M Gheysari  
Journal of Plant Nutrition 43 (1), 122-137
- [Evaluation of Late Maturing Corn Hybrids for Yield and Water use Efficiency under Different Irrigation Regimes and Split-Application of Nitrogen Fertilizer](#) 2020  
M Gheysari, HR Eshghizadeh, M Tavangar  
علوم آب و خاک
- [Effect of Different Furrow Irrigation Management on Water Saving and Water Use Efficiency of Maize in Isfahan](#) 2020  
M DEHQANI, MN EMAMZADEI, ALI SHAHNAZARI, M GHEYSARI  
IRANIAN JOURNAL OF SOIL AND WATER RESEARCH 50 (800784), 1899-1910
- [Comparison of Applied Water and Estimated Water Requirement by WUCOLS and LIMP Methods for Golha Garden in Isfahan](#) 2019  
P Shojaei, M Gheysari, H Nouri, H Esmaceli, S Eslamian  
JWSS-Isfahan University of Technology 23 (3), 197-210
- [The Effect of Furrow Irrigation Management on Terend of Corn Root Growth](#) 2019  
M Dehqani, MR Nouri, A Shahnazari, M Gheysari  
Iranian Journal of Soil and Water Research 50 (5), 1255-1264
- [Determination of the Suitable Location of Soil Moisture Sampling in Drip-Tape Irrigation Management in A Maize Field](#) 2019  
Z Amiri, M Gheysari, MR Mosaddeghi, MS Tabatabaei, ...  
JWSS-Isfahan University of Technology 23 (2), 45-54
- [Daily and Seasonal Pistachio Evapotranspiration in Saline Condition: Comparison of Satellite-Based and Ground-Based Results](#) 3 2019  
MH Rahimian, M Shayannejad, S Eslamian, M Gheysari, R Jafari  
Journal of the Indian Society of Remote Sensing 47 (5), 777-787
- [Interaction of Water and Nitrogen on Yield and Irrigation Water Use Efficiency of Corn \(Zea of mays\) under Drip-Tape Irrigation Management](#) 2 2019  
MS Tabatabaei, M Gheysari, J Abedi Kupae, Z Amiri  
Iranian Journal of Irrigation and Drainage 12 (6), 16
- [Effect of Silicon on Growth and Development of Strawberry under Water Deficit Conditions](#) 72 2018  
S Dehghanipoodeh, C Ghobadi, B BANINASAB, M Gheysari, ...  
Horticultural Plant Journal 4 (6), 226-232
- [Water requirements of urban landscape plants in an arid environment: The example of a botanic garden and a forest park](#) 26 2018  
P Shojaei, M Gheysari, H Nouri, B Myers, H Esmaceli  
Ecological Engineering 123, 43-53
- [Withdrawn: Micro Climate Zoning of Isfahan City Based on Surface Cover Type](#) 2018  
E Shafieiyoun, M Gheysari, P Shojaei

10th International Conference on Urban Climate/14th Symposium on the Urban ...

- [Surface irrigation simulation-optimization model based on meta-heuristic algorithms](#)  
M Akbari, M Gheysari, B Mostafazadeh-Fard, M Shayannejad 57 2018  
Agricultural Water Management 201, 46-57
- [Persistence, recovery and root traits of tall fescue genotypes with different flowering date under prolonged water stress](#) 20 2017  
F Pirnajmedin, MM Majidi, G Saeidi, M Gheysari, F Volaire, P Barre, ...  
Euphytica 213, 1-15
- [Effect of different land cover/use types on canopy layer air temperature in an urban area with a dry climate](#) 43 2017  
P Shojaei, M Gheysari, B Myers, S Eslamian, E Shafieiyoun, H Esmaeili  
Building and Environment 125, 451-463
- [Genetic analysis of root and physiological traits of tall fescue in association with drought stress conditions](#) 13 2017  
F Pirnajmedin, MM Majidi, G Saeidi, M Gheysari, V Nourbakhsh, Z Radan  
Euphytica 213, 1-16
- [Effects of different irrigation regimes on soil moisture availability evaluated by CSM-CERES-Maize model under semi-arid condition](#) 17 2017  
H Dokoochaki, M Gheysari, SF Mousavi, G Hoogenboom  
Ecohydrology & Hydrobiology 17 (3), 207-216
- [Effect of recycled water applied by surface and subsurface irrigation on the growth, photosynthetic indices and nutrient content of young olive trees in central Iran](#) 12 2017  
N Ashrafi, A Nikbakht, M Gheysari  
Journal of Water Reuse and Desalination 7 (2), 246-252
- [Simulation of Soil Water content and Nitrate under Different Fertigation Strategies for Sweet Pepper in Isfahan by EU-ROTATE-N Model.](#) 2 2017  
F Fazel, N Ganji Khorramdel, M Gheysari  
Water and Soil 31 (1), 263-276
- [Evaluation of different mulch materials for reducing soil surface evaporation in semi-arid region](#) 23 2017  
R Farzi, M Gholami, B Baninasab, M Gheysari  
Soil Use and Management 33 (1), 120-128
- [SEBAL application to estimate water use efficiency of Pistachio trees in saline condition \(Case study: Bahadoran Plain, Iran\)](#) 2017  
MH Rahimian, M Shayannejad, S Eslamian, M Gheysari, R Jafari  
Journal. Bio. Env. Sci 10 (6), 248-257
- [Effect of Maximum Allowable Depletion on Irrigation Use and Plant Parameters of Grass under Subsurface Drip Irrigation Management](#) 3 2017  
F Fazel, M GHEYSARI, M MOHAMMADIAN, N ETEMADI  
IRRIGATION SCIENCES AND ENGINEERING (JISE)(SCIENTIFIC JOURNAL OF AGRICULTURE ...

- [Application of biochemical markers for the assessment of drought tolerance in alfalfa \(\*Medicago sativa\* L.\) cultivars](#) 7 2017  
M Maghsoodi, J Razmjoo, M Gheysari  
Grassland Science 63 (1), 3-14
- [Comparison of deficit irrigation management strategies on root, plant growth and biomass productivity of silage maize](#) 100 2017  
M Gheysari, SH Sadeghi, HW Loescher, S Amiri, MJ Zareian, MM Majidi, ...  
Agricultural Water Management 182, 126-138
- [Selection criteria for assessing drought tolerance in a segregating population of flax \(\*Linum usitatissimum\* L.\)](#) 8 2016  
P Asgarinia, A Mirlohi, G Saeidi, AAM Mirik, M Gheysari, VS Razavi  
Canadian Journal of Plant Science 97 (3), 424-437
- [Investigation of Root Clogging for Different Inline Dripper under Subsurface Drip Irrigation of Grass](#) 2 2016  
M Mohammadian, M Gheysari, F Fazel, N Etemadi  
Iranian Journal of Soil and Water Research 47 (3), 529-537
- [Effect of drought on biochemical properties of root and shoot of alfalfa cultivars \(\*Medicago sativa\* L.\)](#) 1 2016  
M Maghsoodi, J Razmjoo, M Gheysari  
Journal of Arid Biome 6 (1), 31-43
- [Simulation of Soil Nitrate and Water Distribution in two Different Surface and Drip Irrigation Systems using Eu-Rotate-N in Isfahan](#) 2 2016  
F Fazel, N Ganji Khorramdel, M Gheysari  
Iranian Journal of Irrigation & Drainage 10 (3), 377-388
- [Investigation of Physical Filtration and Hydraulic Performance of Geotextile Filters under Wastewater application](#) 2016  
Z Amiri, M Gheysari, H Sadeghi-Nazarabadi  
Iranian Journal of Irrigation & Drainage 10 (3), 307-315
- [Effect of the interaction of water and nitrogen on sunflower under drip irrigation in an arid region](#) 79 2016  
M Kiani, M Gheysari, B Mostafazadeh-Fard, MM Majidi, K Karchani, ...  
Agricultural Water Management 171, 162-172
- [Survival and recovery of tall fescue genotypes: association with root characteristics and drought tolerance](#) 13 2016  
F Pirnajmedin, MM Majidi, M Gheysari  
Grass and Forage Science
- [Effects of potassium silicate and nanosilica on quantitative and qualitative characteristics of a commercial strawberry \(\*Fragaria\* × \*ananassa\* cv. 'camarosa'\)](#) 35 2016  
S Dehghanipoodeh, C Ghobadi, B Baninasab, M Gheysari, SS Bidabadi  
Journal of Plant Nutrition 39 (4), 502-507



- [Effect of Irrigation with Reclaimed Water on Fruit Characteristics and Photosynthesis of Olive Trees under Two Irrigation Systems](#) 3 2016  
N Ashrafi, M Gheysari, A Maleki, A Nikbakht  
Majallah-i āb va Khāk 29 (3), 569-577
- [Tuber yield, irrigation water use efficiency and starch content of two potato varieties as affected by drip tape and solid set irrigation systems](#) 2016  
B Molaei, M Gheysari, B Mostafazadeh-Fard, E Landi, K Molaei  
2016 ASABE Annual International Meeting, 1
- [Effect of cattle manure and Organi Humme catalyzer on potato production in an arid region](#) 2016  
B Molaei, M Gheysari, SH Sadeghi, B Mostafazadeh-Fard, MM Majidi, ...  
2016 ASABE Annual International Meeting, 1
- [Coupling and testing a new soil water module in DSSAT CERES-Maize model for maize production under semi-arid condition](#) 53 2016  
H Dokoohaki, M Gheysari, SF Mousavi, S Zand-Parsa, FE Miguez, ...  
Agricultural Water Management 163, 90-99
- [Applying the CSM-CERES-Wheat model for rainfed wheat with specified soil characteristic in undulating area in Iran](#) 18 2015  
H Dokoohaki, M Gheysari, A Mehnatkesh, S Ayoubi  
Archives of Agronomy and Soil Science 61 (9), 1231-1245
- [Impact of Micro Silica, Pumice and Perlite on Mechanical Properties of Gypsiferous Soils](#) 3\* 2015  
J Abedi Koupai, S Soltanian, M Gheysari  
JWSS-Isfahan University of Technology 19 (72), 337-349
- [Effect of Polypropylene Fibers on the Mechanical Properties of Gypsiferous Soils](#) 1 2015  
J Abedi Koopaei, S Soltanian, M Gheisari  
Iranian journal of soil and water research 46 (2), 245-253
- [Evaluation of Yield and Yield Characteristics of Two Potato Varieties Under Sprinkler and Trickle Irrigation Systems](#) 6 2015  
B Molaei, M Gheysari, B Mostafazadeh-Fard, E Landi, MM Majidi  
JWSS-Isfahan University of Technology 19 (71), 241-251
- [Development and Evaluation of Estimation Models of Wetting Pattern of Drippers in a Sandy Soil with High Gravel](#) 3 2015  
F Mohamadzade, M Gheysari, E Landi  
JWSS-Isfahan University of Technology 19 (71), 287-297
- [The Effects of Two Different Deficit Irrigation Managements on the Root Length of Maize](#) 1 2015  
M Gheysari, MM Majidi, SM Mirlatifi, MJ Zareian, S Amiri, SM Banifateme  
Water and Soil 28 (5), 890-898
- [The Effect of Polypropylene Fibers on the Mechanical Properties of Unstable Sand](#) 2015  
J Abedi Kupae, S Soltanian, M Gheysari

- Iranian Journal of Irrigation & Drainage 9 (1), 22-31
- [Root and physiological characteristics associated with drought tolerance in Iranian tall fescue](#) 45 2015  
F Pirnajmedin, MM Majidi, M Gheysari  
Euphytica 202, 141-155
- [THE SENSITIVITY OF PREDICTED SILLAGE-CORN YIELD USING CERES-MAIZE MODEL TO PHYSICAL SOIL PARAMETERS UNDER TWO NITROGEN FERTILIZER LEVELS](#) 2015  
H DOKOOHAKI, M GHEYSARI, SF MOUSAVI  
IRANIAN WATER RESEARCH JOURNAL 9 (217), 175-179
- [Selection for drought tolerance base on root characters and anti-oxidative enzymes in tall fescue.](#) 2015  
F Pirnajmodin, MM Majidi, M Gheysari, Z Radan  
Iranian Journal of Field Crop Science 46 (1)
- [The effects of lateral flushing on clogging of PCJ and Uniram drippers in terms of using treated wastewater](#) 2015  
A Asgari, M Gheysari, F SAFARIAN  
JOURNAL OF SOIL AND WATER RESOURCES CONSERVATION 4 (2), 23-34
- [Effect of a new irrigation system using recycled water on stomatal behaviour, photosynthesis and nutrient uptake in olive trees \(\*Olea europaea\* L.\)](#) 5 2015  
N Ashrafi, Nikbakht, M Gheysari, R Fernández-Escobar, MH Ehtemam  
The Journal of Horticultural Science and Biotechnology 90 (4), 401-406
- [Water-yield relations and water use efficiency of maize under nitrogen fertigation for semiarid environments: experiment and synthesis](#) 72 2015  
M Gheysari, HW Loescher, SH Sadeghi, SM Mirlatifi, MJ Zareian, ...  
Advances in Agronomy 130, 175-229
- [Effect of Different Irrigation Systems on Root Distribution of Mature Olive trees in Gravel soils](#) 2014  
F Mohamadzade, M Gheysari, E Landi, P Zolfaghary  
Iranian Journal of Irrigation & Drainage 8 (4), 726-734
- [Effect of shade, organic matter and planting time on morphological and physiological characteristics of lisianthus \(\*Eustoma grandiflorum\*\)\(Raf.\) Shinn.](#) 3 2014  
M Rahneemoo Far, N Etemadi, A Nikbakht, M Gheisari, MR Sabzalian  
Plant Productions 37 (3), 1-11
- [Effect of pH adjustment and chlorination on water and effluent characteristics to prevent emitter obstruction](#) 2014  
A Asgari, M Gheysari, F Safarian, M Shirvani, H Saghaiannejad  
Water and Irrigation Management 4 (2), 243-254
- [Determination of Crop Water Use and Crop Coefficient of Two Hybrids of Sunflower \(\*Euroflor\* and \*Sirna\*\) under Drip-Tape Irrigation System](#) 2 2014  
M Kiani, M Gheysari, B Mostafazadeh-Fard, MM Majidi, E Landi

JWSS-Isfahan University of Technology 18 (67), 289-300

[Relationships between grain protein, Zn, Cu, Fe and Mn contents in wheat and soil and topographic attributes](#)

S Ayoubi, A Mehnatkesh, A Jalalian, KL Sahrawat, M Gheysari  
Archives of Agronomy and Soil Science 60 (5), 625-638 25 2014

[Investigation of the Effects of Drought Stress on Top and Root Weight of Corn at Different Growth Stages](#)

M Gheysari, MM Majidi, MJ Zareian, SM Mirlatifi, H Dokoohaki, S Amiri  
Iranian Journal of soil and water research 44 (4), 329-428 2014

[The drought tolerance assessment in order to increase irrigation water productivity in linseed](#)

P Asgarinia, AF Mirlohi, G Saeidi, M Gheysari, AA Mohamadi Mirik, ...  
Water and Irrigation Management 4 (1), 19-32 2014

[Effects of nitrogen application and irrigation water on grain yield and water use efficiency of safflower in Isfahan](#)

R Maghami, M Zahedi, M Gheysari  
Isfahan University of Technology-Journal of Crop Production and Processing 4 ... 5 2014

[A principal components/singular spectrum analysis approach to ENSO and PDO influences on rainfall in western Iran](#)

MG Monireh Biabanaki, Seyed Saeid Eslamian, Jahangir Abedi Koupai, Julio ...  
Hydrology Research 45 (2), 250 33 2014

[Development complex crop model based on CSM-CERES-Maize model for irrigation management and evaluating the maize growth simulations](#)

H Dokoohaki, M Gheisari, SF Mousavi, S Zandparsa, G Hoogenboom  
Water and Irrigation Management 3 (2), 121-133 2014

[Effects of Nitrogen Application and Irrigation Water on Grain Yield and Water use Efficiency of Safflower in Isfahan](#)

M Gheysari, M Zahedi, R Maghami  
Tulīd va Farāvārī-i Maḥṣūlāt-i Zirāī va Bāghī 2014

[Evaluation of genotypic and phenotypic variation and drought tolerance in the F3 families of linseed under drought stress condition.](#)

P Asgarinia, A Mirlohi, G Saeidi, AA Mohamadi, M Gheysari, VS Razavi  
Iranian Journal of Crop Sciences 16 (2), Pe137-Pe150 2 2014

[Development complex crop model based on CSM-CERES-Maize model for irrigation management and evaluating the maize growth simulations](#)

H Dokoohaki, M Gheisari, SF Mousavi, S Zandparsa, G Hoogenboom  
water and irrigation management 3 (2), 121-133 2014

[Effect of Vegetation Cover Type on Average, Maximum and Minimum Air Temperature in Isfahan City](#)

E Shafieyoun, M Gheisari, M Majidi, JA Koupai, SF Mousavi, S Slamian  
water and irrigation management 3 (1), 97-109 1 2013

- [Estimation of genetic coefficients and evaluation of OILCROP-SUN model under different levels of nitrogen fertilizer](#) 2013  
M Kiani, M Gheysari, B Mostafazadeh-Fard  
Journal of Water and Soil Resources Conservation 2 (3), 1-12
- [Evaluation of DSSAT Model for Nitrate Leaching under Different Water and Nitrogen Rates in Maize Field](#) 2 2013  
M Rabie, M Gheysari, SM Mirlatifi  
JWSS-Isfahan University of Technology 17 (63), 71-80
- [Effect of Partial Root-zone Drying and Deficit Irrigation on Yield and Yield Components of Maize](#) 8\* 2013  
F Karandish, M Mirlatifi, A Shahnazari, F Abbasi, M Gheysari  
Iranian Journal of soil and water research 44 (1), 33-44
- [Investigation the application of a modern irrigation system and wastewater on physiological characteristics of olive trees in urban landscape \(Olea europaea L. cv. Roghani](#) 2013  
NAAM Nikbakht, A., M. Gheysari. N. Etemadi  
Journal of Horticultural Science and Technology 13 (4), 459-468
- [Evaluation of efficiency of long-term weather data in trickle and sprinkler irrigation management](#) 2 2012  
S Amiri, M Gheysari, B Movavejalakhkami  
Journal of Water and Soil Resources Conservation 2 (1), 1-12
- [Drought-tolerance indices in a tall fescue population and its polycross progenies](#) 35 2012  
M Ebrahimiyan, MM Majidi, A Mirlohi, M Gheysari  
Crop and Pasture Science 63 (4), 360-369
- [Estimation soil water content under deficit irrigation by using DSSAT](#) 9 2012  
H Dokoohaki, M Gheysari, SF Mousavi, SM Mirlatifi  
water and irrigation management 2 (1), 1-14
- [Investigation of polyacrylamide application under different tillage intensity on sediment and nitrogen losses in irrigated corn field](#) 9 2012  
M Roozbeh, H Bahrami, M Almassi, MJ Sheikhdavoodi, F Abbasi, ...  
Australian Journal of Crop Science 6 (6), 963
- [Optimal Allocation of Allowable Head Loss to Solid-Set Irrigation System with Movable Sprinkler Subunits](#) 1 2012  
SH Sadeghi, M Gheysari, M Kavyani  
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