

## Curriculum vita

Name: **Ali Talebi**

Date of birth: **21.09.1969**

Place of birth: **Esfahan, Iran**

### Education:

PhD: Hydrology (water erosion), Wageningen University, The Netherlands, 2008

M. A. : Watershed management Engineering, Tehran Tarbiat Modarres University, 1995

B. A. : Watershed management Engineering, Tehran University, 1992

### Academic

1995-2002 : Lecturer in Yazd University (Faculty of Natural resources)

2008-2016 : Associate Prof. in Yazd University (Faculty of Natural resources)

2016-now : Professor in Yazd University (Faculty of Natural resources)

2017-2018: Visiting Prof. in University of British Columbia (Geography Department), Canada

President of the Watershed Management Society of Iran (<http://www.wmsi.ir/>)

Editorial Board in Journal of Extension and Development of Watershed Management (<http://wmji.ir/en/>)

Editorial Board in Journal of Iranian Journal of Watershed Management Science and Engineering, (<http://http://jwmsei.ir/>)

Editorial Board in Scientific and Research Journal of Arid Biome (<http://aridbiom.yazd.ac.ir/>)

Editor-in-Chief in Journal of Nature and Spatial Sciences (JONASS)

### Published papers:

#### 2007

1. **Talebi, A.,** R. Uijlenhoet and P. A. Troch (2007), Soil moisture storage and hillslope stability, *Natural Hazards and Earth System Sciences*, 7, 523-534.

#### 2008

2. **Talebi, A.,** P. A. Troch and R. Uijlenhoet (2008a), A steady-state analytical hillslope stability model for complex hillslopes, *Hydrological Processes*, 21, doi:10.1002/hyp.6881.
3. **Talebi, A.,** R. Uijlenhoet and P. A. Troch (2008b), A low-dimensional physically-based model of hydrologic control on shallow landsliding in complex hillslopes, *Earth Surface Processes and Landforms*, 33, Doi: 10.1002/esp.1648.
4. **Talebi, A.,** R. Uijlenhoet and P. A. Troch (2008c), Application of a probabilistic model of rainfall-induced shallow landslides to complex hollows, *Natural Hazards and Earth System Sciences*, 8, 733–744.

#### 2010

5. Sabzevari T., **Talebi A.,** Ardakanian A., and Shamsai A., 2010, A steady-state saturation model to determine the subsurface travel time (STT) in complex hillslopes, *Hydrol. Earth Syst. Sci.*, 14, 1–10, 2010, doi:10.5194/hess-14-1.

6. Dastorani, M.T., **Talebi A.** and M. Dastorani, 2010, Using Neural Networks to Predict Run off from Ungauged Catchments, *Asian Journal of Applied Sciences* 3(6): 399-410.

#### 2011

7. Nafarzadegan A., **Talebi A.**, Hossein Malekinezhad, Naeim Emami, 2011, Antecedent rainfall thresholds for the initiation of landslides (case study: Chahar-mahal & Bakhtiari province, Iran), *Ecopersia*.

#### 2012

8. Dastorani, M.T., R. Khodaparast, **Talebi A.**, M. Vafakhah and J. Dashti, 2012, Determination of the ability of HEC-HMS model components in rainfall-runoff simulations, *Research journal of Environmental Sciences*, 5 (10): 790-797.

#### 2013

9. Sabzevari T., **Talebi A.**, Saghafian B., Ardakanian A. 2013, Time of Concentration of Surface Flow in Complex Hillslopes, *Journal of Hydrology and Hydromechanic*, 61(4), 269-277.
10. Mohammad T. Dastorani, Jamile Salimi Koochi, Hamed Sharifi Darani, **A. Talebi** and M. H. Rahimian, 2013, River instantaneous peak flow estimation using daily flow data and machine-learning-based models, *Journal of Hydroinformatics*.
11. Fotouhi F., H.R. Azimzadeh, **A. Talebi** and H.R. Ekhtesasi, 2013, Analyzing the changes of soil erodibility index(K) in the soils of arid regions and the effective factors in central IRAN (Case study: Yazd- Ardakan plain, Desert

#### 2014

12. Mousavi V., **Talebi A.** and Shirmohammadi, 2014, Producing a landslide inventory map using pixel-based and object-oriented approaches optimized by Taguchi method, *J. Geomorphology*
13. Elahe Goodarzi , Alireza Massah Bavani, Mohammadtaghi Dastorani, **Ali Talebi**, 2014, Evaluating effect of downscaling methods; change-factor and LARS-WG on surface runoff (A case study of Azam-Harat River basin, Iran), Pages 99-109 Desert.
14. M. Felegari , **Ali Talebi** , Mohammad Taghi Dastorani , A.S. Rangavar, 2014, Efficiency Assessment of Rangeland Hydrology and Erosion Model (RHEM) for water erosion quantification(Case Study: Sangane Watershed-Iran) , *Environmental Resources Research* , Volume ( 2 ) , 2014-6, Pages 133-146.

#### 2015

15. Lida Rafati , Mohammad Ehrampoush, **Ali Talebi**, Mehdi Mokhtari , Zohreh Kheradpisheh, Hamid Dehghan, 2015, Modelling the formation of Ozone in the air by using Adaptive Neuro-Fuzzy Inference System (ANFIS) (Case study: city of Yazd, Iran), Desert.
16. **Talebi A.**, Bahrami A., Mardian M., Mahjoobi J. 2015, Determination of optimized sediment rating equation and its relationship with physical characteristics of watershed in semi-arid regions, *Desert*, 20-2, 135-144.

17. Vahid Moosavi, **Ali Talebi**, Mohammad Hossein Mokhtari, Seyed Rashid Fallah Shamsi and Yaghoob Niazi, 2015, A wavelet-artificial intelligence fusion approach (WAIFA) for blending Landsat and MODIS surface temperature, *Remote sensing of Environment* 169, 243-254.
18. Zohreh Kheradpisheh , **Ali Talebi** , Lida Rafati , Mohammad Taghi Ghaneian , Mohammad Hassan Ehrampoush, 2015, Groundwater quality assessment using artificial neural network: A case study of Bahabad plain, Yazd, Iran, Pages 65-71, no. 1.
19. Fatemeh Barzegari, Mohsen Yousefi & **Ali Talebi**, 2015, Estimating suspended sediment by Artificial Neural Network (ANN), Decision Trees (DT) and Sediment Rating Curve (SRC) models (Case study: Lorestan Province, IRAN), *Civil Engineering Infrastructure Journal*, Volume 48, Issue 2, December 2015, Page 391-398.
20. Elahe Goodarzi , Mohammadtaghi Dastorani, Alireza Massah bavani, **Ali Talebi**, 2015, Evaluation of the Change-Factor and LARS-WG Methods of Downscaling for Simulation of Climatic Variables in the Future (Case study: Herat Azam Watershed, Yazd - Iran) , *ECOPERSIA*, Winter 2015 Pages 833-846, No.1.

## 2016

21. Eshghizadeh M. **Ali Talebi**, M.T. Dastorani & H.R. Azimzadeh, 2016, Effect of natural land covers on runoff and soil loss at the hill slope scale, *Global Journal of Environmental Science and Management*, 2(2), DOI: 10.7508/gjesm.2016.02.00.
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23. Vahid Moosavi, **Ali Talebi**, Mohammad Hossein Mokhtari & Mohammad Reza, Hadian, 2016, Estimation of spatially enhanced soil moisture combining remote sensing and artificial intelligence approaches, *International Journal of Remote Sensing*, 37:23, 5605-5631, DOI: 10.1080/01431161.2016.1244366.
24. **Ali Talebi**, Javad Mahjoobi, Mohammad Taghi Dastorani & Vahid Moosavi, 2016, Estimation of suspended sediment load using regression trees and model trees, approaches (Case study: Hyderabad drainage basin in Iran), *ISH Journal of Hydraulic Engineering*, DOI: 10.1080/09715010.2016.1264894.
25. A Zare Gariz, **A Talebi**, 2016, Identification of critical sediment source areas across the Gharesou watershed, Northeastern Iran, using hydrological modeling, *Environmental Resources Research* 4 (1), 1-25.
26. Vahid Moosavi, **Ali Talebi** & Mohammad Reza, Hadian, 2016, Development of a hybrid wavelet packet-Group method of data handling (WPGMDH) model for runoff forecasting, *water Resource Management*, DOI 10.1007/s11269-016-1507-3.

## 2017

27. Ghasemieh H.m soleymani M. and **Ali Talebi**, 2017, Identification and Analysis of Drought Propagation of Groundwater During Past and Future Periods, *Water Resource Management*, DOI 10.1007/s11269-016-1513-5

28. Mohammad Taghi Dastorani , banafshe kohzad , Adel Sepehr , **A. Talebi** , The role of rainwater harvesting on providing vegetation water , European Water , Volume ( 1 ) , 2017-12, Pages 521-527.
29. H Malekinezhad, **A Talebi**, AR Ilderomi, SZ Hosseini, M Sepehri, 2017, Flood hazard mapping using fractal dimension of drainage network in Hamadan City, Iran, Journal of Environmental Engineering and Science 12 (4), 86-92
30. M Sepehri, AR Ilderomi, H Malekinezhad, SZ Hosseini, **A Talebi**, 2017, Flood hazard mapping for the gonbad chi region, Iran, Journal of Environmental Engineering and Science 12 (1), 16-24.

## **2018**

31. Masoud Eshghizadeh, **Ali Talebi**, Mohamad-Taghi Dastorani, 2018, A Modified LAPSUS Model to Enhance the Effective Rainfall Estimation by SCS-CN Method, Water Resources Management, DOI, 10.1007/s11269-018-2002-9.
32. Masoud Eshghizadeh, **Ali Talebi**, Mohamad-Taghi Dastorani, 2018, Thresholds of land cover to control runoff and soil loss, Hydrological Sciences Journal
33. Mehdi Sepehri, Hossein Malekinezhad, Ali Reza Ilderomi, **Ali Talebi**, Seyed Zeynalabedin Hosseini, 2018, Studying the Effect of Rain Water Harvesting from Roof Surfaces on Runoff and Household Consumption Reduction, Sustainable Cities and Society, 10.1016/j.scs.2018.09.005.
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35. Zareie P., **A. Talebi**, M. Alaie Taleghani, 2018, Sensitivity analysis of effective parameters in hillslopes instability (case study: Javanrud watershed, Kemanshah province), Ecopersia Journal, Volume 6, Issue 4.

## **2019**

36. **Talebi A.**, E. Zahedi, M. Hassan, M.T. Lesani, 2019, Locating suitable sites for the construction of underground dams using the subsurface flow simulation (SWAT model) and analytical network process (ANP) (case study: Daroongar watershed, Iran), Sustainable Water Resources Management, doi.org/10.1007/s40899-019-00314-5.
37. Sabzevar T. and **Talebi A.**, 2019, Effect of hillslope topography on soil erosion and sediment yield using USLE model, Acta Geophysica, DOI 10.1007/s11600-019-00361-8.
38. Meshkat M., N Amanian, **A Talebi**, M Kiani-Harchegani, J Rodrigo-Comino, 2019, Effects of Roughness Coefficients and Complex Hillslope Morphology on Runoff Variables under Laboratory Conditions, Water 11 (12), 2550.

## **2020**

39. Gholamzadeh Forozan, Mohammad Reza Elmi, **Ali Talebi**, Mohammad Hossein Mokhtari, Saeed Shojaei, 2020, Temporal-Spatial Simulation

of Landscape Variations Using Combined Model of Markov Chain and Automated Cell, Journal of Cartography and Geographic Information, <https://doi.org/10.1007/s42489-020-00037-0>.

40. Raeisi A., **A. Talebi**, Kh. Abdollahi, A. Torabi Haghighi, 2020, Effective Factors on Runoff Generation and Hydrologic Sensitivity in A Mountainous Watersheds (a Case Study: Farsan Watershed, Upstream of Karoun River), Volume 8, Issue 1 (3-2020).
41. Mahdi Soleimani-Motlagh, Hoda Ghasemieh, **Ali Talebi**, Khodayar Abdollahi and Walter Dragoni, 2020, Groundwater budget deficit caused by drought and overexploitation, Water Supply, 20.2.
42. Reisi, A., **Ali Talebi**, Ali Torabi Haghighi, Khodayar Abdollahi and Bjørn Kløve, 2020, An Index based approach to identify critical area and prioritization for plan using the SWAT model, Environmental Resources Researchs, Vol. 8, No. 2.
43. Karimian Ali-Akbar, Samira Hossein Jafari, **Ali Talebi**, 2020, The Effect of Optimum Management of Lands on Reducing the Peak Discharge and Water Turbidity (Case Study: Manshad Watershed, Yazd Province, Iran), Journal of Rangeland Science.

#### **2021**

44. Sepehri, mehdi; Ghahramani, Afshin; Kiani-Harchegani, Mahboobeh; Ildoromi, Ali Reza; Talebi, Ali; Rodrigo-Comino, Jesus, 2021, Assessment of drainage network analysis methods to rank sediment yield hotspots, Hydrological Sciences Journal, In press

#### **Persian published papers (Abstract in English):**

#### **2009**

45. Sabzevari, T., Ardakanian, R., Shamsaei, A., **Talebi, A.**, 2009, predicting the flood hydrographs of ungauged watersheds using the hec-hms model and the geographic information system (gis)(case study: kasilian watershed). Water engineering, 2009. 2 (4), 1-11.

#### **2010**

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47. **Talebi A.**, S Poormohammadi, Mh Rahimian, 2010, Investigation Of Effective Factors On Reference Evapotranspiration Using Sensitivity Analysis Of Fao-Penman-Monteith Equation (Case-Study: Yazd, Tabas And Marvast Stations), Physical Geography Research Quarterly.

#### **2011**

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49. Dastorani M., KJ Salimi, **A Talebi**, H Abghari, 2011, Evaluation Of The Applicability Of Some Methods To Estimate Instantaneous Peak Flow Using Daily Flow Data, Journal Of Range And Watershed Management .
50. F Fotouhi, Hr Azimzadeh, **A Talebi**, Mr Ekhtesasi, 2011, Effect Of Pavement Cover Variation On Erodibility Factor Of Usle Model Using Geostatistics Technique (Case Study: Yazd-Ardakan Plain), Iranian Journal Of Watershed Management Science And Engineering 5 (16), 1-12
51. **Talebi, A.** & Izaddoust, M., 2011, Investigation Of Efficiency Of Sinmap Model For Landslide Hazard Zonation (Case Study: Ilam Dam Basin). Iranian Journal Of Watershed Management Science And Engineering, 2011. 5 (15), 63-68.
52. Soleymani, M., **Talebi, A.**, Ekrami, M., 2011, Investigation Of The Possibility Of Avalanche Occurrence Prediction Using The Nearest Neighbour Method ( Case Study: Paths Of Avalanche Release In Tehran Province). Iranian Journal Of Watershed Management Science And Engineering, 2011.5 (16), 33-38.
53. T Sabzevari, R Ardakanian, **A Talebi**, 2011, Effective Parameters On Subsurface Travel Time Of Complex Hillslopes, Water Engineering 4 (10), 25-38.
54. **Talebi A.**, Niazi Y., 2011, An Investigation On Capability Of The Physically-Based Hydrological Model For Studying The Shallow Landslides In Natural Hill Slopes (Case Study: Ilam Dam Watershed), Journal Of Range And Watershed Management (Iranian Journal Of Natural Resources), 2011 , Volume 64 , Number 3; Page(S) 323 To 337.

## 2012

55. Soltani M., Mr Ekhtesasi, **Ali Talebi**, Mj Pourghaneie, 2012, Effect Of Check Dams On Reduction Of Flood Peak (Case Study: Manshad Watershed), Watershed Management Researches, 24 (493), 46-54.
56. Dastorani, Mt., Azimi Kh., **Talebi, A.**, Ekhtesasi, Mr., 2012, Estimation Of Suspended Sediment Using Artificial Neural Network (Case Study: Jamishan Watershed In Kermanshah). Journal Of Watershed Management Research, 2012.

## 2013

57. **Talebi, A.** & Akbari, Z., 2013. Investigation Of Ability Of Decision Trees Model To Estimate River Suspended Sediment (Case Study: Ilam Dam Basin).. Journal Of Science And Technology Of Agriculture And Natural Resources, 17(63):109-121, Colleges Of Agriculture And Natural Resources, Isfahan University Of Technology, 2013.
58. **Talebi A.**, S. Poormohamadi, 2013, Determination Of The Best Equation Of Infiltration In Arid Zones, J. Of Soil And Water.
59. M. Geranian, N. Amanian, **A. Talebi**, M.R. Hadian , 2013, Laboratorial Investigation Of Effect Of Plan Shape And Profile Curvature On Variations Of Surface Flow In Complex Hillslopes , Iran-Water Resources Research Journal.
60. Mt Dastourani, A Habibipoor, Mr Ekhtesasi, **A Talebi**, J Mahjoobi, 2013, Evaluation Of The Decision Tree Model In Precipitation Prediction (Case Study: Yazd Synoptic Station), Iran-Water Resources Research 8 (325), 14-27.
61. Felegari, M., **A. Talebi** And Y. Kiaoshkuriyan. 2013. Investigation Of The Effect Of Road Building On Landslide Occurrence Using The Flac Slope Model (Case Study: Ilam Dam Watershed). Journal Of Water And Soil Conservation, 20(1): 227-239.

62. Mt Dastorani, E Abdollahwand, Mh Asareh, **A Talebi**, 2013, Evaluation Of The Application Of Some Empirical Concentration Time Equations For Estimation Of Channel Flow Travel Time, Watershed Management Researches (Pajouhesh-Va-Sazandegi) 26 (299), 42-52

#### **2014**

63. Mahdi Soleimani Motlagh, **Ali Talebi** And Mehdi Zareei, 2014, The Study Of Drought On The Quality Of Surface Water Resources In Kashkan Watershed, Journal Of Watershed Management.
64. **Talebi A.**, A. Karimian, M. Dastorani, F. Souzandepoor, 2014, Investigation Of The Effect Of Landuse Change On Sedimentation In Watersheds, Jwss-Isfahan University Of Technology.
65. **Talebi A.**, M Eshghizadeh, Mt Dastorani, Hr Azimzadeh, 2014, Watershed Measures Impacts On Surface Runoff Routing By Use Of Multiple Flow Direction Algorithm, Iranian Journal Of Ecohydrology 1 (2), 83-97.
66. A Habibipoor, H Akbari, **A Talebi**, 2014, Investigation Of Desertification Status Using Imdpa Model Considering Wind And Water Criteria (Case Study: Bahabad Region, Yazd Province), Geography And Environmental Planning 25 (2), 151-168.
67. **Talebi A.**, Samaneh Pourmohammadi, Najmeh Moradi, 2014, An Investigation Of The Effects Of Drought On Water Quality In Arid Regions: A Case Study Of Bahabad Plain, Yazd Province, Iran, International Bulletin Of Water Resources & Development.

#### **2015**

68. Abbasi Jondani Sh, **A. Talebi** And A. Abbasi, 2015, Localization Of Climate File Of Water Erosion Prediction Project Model (Wepp) (Case Study: Research Base Sanganeh, Khorasan Razavi Province), J. Of Water And Soil Conservation.
69. **Talebi A.**, P. Zareie, 2015, Investigation Of Shallow Landslides Factors Using Physically Based Model, J. Of Quantitative Geomorphology.
70. **Talebi A.**, F Souzandehpour, Mt Dastorani, Aa Karimian, M Soltani, 2015, Effects Of Land Use In Present And Optimum Conditions On Sedimentation Of Watershed (Case Study: Shur & Shirin Watershed In Shiraz), Jwss-Isfahan University Of Technology 19 (72), 47-56
71. Fotouhi Firoozabad F., **A Talebi**, H Afkhami Ardakani, 2015, Investigation Of Possibility Of Groundwater Quality Zonation In Arid Regions Using Geostatistic (Case Study: Yazd-Ardakan Plain), Iranian Journal Of Watershed Management Science And Engineering 9 (29), 57-69.
72. Abbasi Sh., **A Talebi**, 2015, Modeling Spatial And Temporal Changes In Groundwater Quality In Arid Zones Using Geostatistical Methods (Case Study: Koohpaye-Segzi Plain In Esfahan), Toloo-E-Behdasht 14 (149), 123-137.
73. Zare A., Mr Ekhtesasi, **A Talebi**, Smm Hosseini, 2015, Study Of Hydrogeomorphological Causes Of Development Of Polygonal Vegetation Patterns In Earth Fissures Of The Yazd-Ardakan Plain, Arid Biom Scientific And Research Journal 5 (100221), 31-42.
74. **Talebi A.**, E Zahedi, 2015, Select Suitable Areas For Underground Dam Using The Theory Of Fuzzy Logic And Analytical Hierarchy Process (Case Study: Watershed Doroongar, Dargaz), Iranian Journal Of Watershed Management Science And Engineering 9 (30), 41-50

75. Eshghizadeh M., Mt Dastorani, **A. Talebi**, 2015, Comparison Of Suspended Load In Two Sub-Catchments Grazed And Ungrazed In The Kakhk Area Of Gonabad, Journal Of Range And Watershed Management (Iranian Journal Of Natural .

## **2016**

76. Zahedi E., F Jahanbakhshi, **A Talebi**, 2016, Investigating Suitable Areas For Flood Spreading Using Fuzzy Logic And Analytic Network Process (Anp)(Case Study: Mashhad Plain), Jwss-Isfahan University Of Technology 20 (77), 185-196.
77. Eshghizadeh M., **A. Talebi**, Mt Dastorani, Hr Azimzadeh, 2016, The Use Of Lapsus Model To Estimate The Runoff And Sedimentin The Kakhk Paired Catchment Of Gonabad, Iranian Journal Of Ecohydrology 3 (100376), 107-119.
78. Sleimani Motlagh M., H Ghasemieh, **A Talebi**, 2016, Change Of Storage Coefficient And Transmissivity Of Aleshtar Plain Aquifer Due To Drought And Groundwater Overexploitation, Desert Ecosystem Engineering Journal 5 (11), 93-104
79. **Talebi A.**, S Poormohammadi, 2016, Study Of Optimized Sediment Rating Equation In Humid And Arid Climates, Geographical Researches Quarterly Journal 31 (1), 118-128
80. Ehsanzadeh A., F Nejadkoorki, **A Talebi**, 2016, Comparing The Performance Of Artificial Neural Networks, Decision Tree, Principal Component Regression And Multiple Linear Regression In Modeling Urban Air Quality Index, Journal Of Environmental Studies 42 (300687), 455-473
81. Zahedi E., **A Talebi**, Sa Tabatabaei, A Raeisi, M Asiayi, 2016, Subsurface Flow Simulations To Determine Potential Areas Of Groundwater Dam Using Swat Model (Case Study: Doroongar Watershed, Dargaz), Journal Of Watershed Management Research 7 (14), 206-215
82. Niazi Y., **A. Talebi**, Mh Mokhtari, M Vazifedoust, 2016, Evaluating A New Combined Drought Index Based On Remote Sensing Data (Rcdi) In Central Iran, Iranian Journal Of Ecohydrology 3 (100376), 31-43
83. Ga Zare, **A. Talebi**, 2016, Water Balance Simulation For The Ghare-Sou Watershed, Golestan, Using The Swat Model, Water Engineering 9 (30), 37-50
84. Zakizadeh F., **A. Talebi**, 2016, Investigation Of The Efficiency Of Different Methods For Parameters Estimation Of Nash's Instantaneous Unithydrograph In Simulating Flood Hydrograph (Case Study: Manshad Watershed), Journal Of Watershed Management Research 7 (14), 197-205
85. **Talebi A.**, Ar Motavalli, 2016, Investigating Natural Landslides And Roadside By Using Shallow Landsliding Stability Physically Based Model (Case Study: Sari-Kiasar Axis Range), Iranian Journal Of Geology 10 (37), 1-13

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87. Niazi Y., **A Talebi**, Mh Mokhtari, M Vazifedoust, 2017, Assessing The Efficiency Of Vegetation Drought Index (Vdi) And Temperature Drought Index (Tdi) Based On Satellite Images In Central Iran, Arid Biom Scientific And Research Journal 7 (100248), 79-94
88. Habibipoor A., **A Talebi**, Aa Karimian, F Dehghani, Mh Mokhtari, 2017, Investigation Of The Optimal Method Of Data Processing To Increase Accuracy Of Simulation Of Surface Soil Salinity (Case Study: Marvast), Journal Of Water And Soil (Agricultural Sciences And Technology).



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90. N Amanian, M Geranian, A Talebi, Mr Hadian, 2018, The Effect Of Plan And Slope Profile On Runoff Initiation Threshold, Iranian Journal Of Watershed Management Science And Engineering.
91. Jahanbakhshi F., Mr Ekhtesasi, **A Talebi**, M Piri, 2018, Investigation Of Sediment Production And Runoff Generation On Rock Formations Of Shirkooh Slopes Of Yazd By Using A Rainfall Simulator, Jwss-Isfahan University Of Technology 22 (2), 287-299.
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93. Zareie P., **Talebi A.**, M Alaei Taleghani, 2018, Investigation Of The Hillslope Stability Of Javanrood Using With The Process-Based Model (Sinmap), Journal Of Spatial Analysis Environmental Hazards 4 (4), 93-109.
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95. Niazi Y., **A. Talebi**, Mh Mokhtari, M Vazifedoust, 2018, Presenting A Soil Moisture-Based Drought Index Derived From Global Land Data Assimilation System (Gldas-Smdi) In Central Iran, Geographical Data 27 (10700476), 25-26
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97. Niazi Y., **A Talebi**, Mh Mokhtari, M Vazifedoust, 2018, Spatio-Temporal Analysis Of The Accuracy Of Trmm Satellite Data To Estimate The Severity Of A Drought Based On Precipitation In Central Iran, Physical Geography 50 (1), 11.

## **2019**

98. Mr Ekhtesasi, **A Talebi**, Sz Hosseini, 2019, The Application Of Fractal Dimension And Morphometric Properties Of Drainage Networks In The Analysis Of Formation Sensibility In Arid Areas (Case Study, Yazd-Ardakan Basin), Desert Ecosystem Engineering Journal 8 (24), 1-18.
99. **Talebi A.**, Mr Elmi, Mf Rajabi, S Parvizi, 2019, Trend Investigation Of Water Quality Variations In Zayande-Roud River During Dry And Wet Years, Journal Of Environment And Water Engineering 4 (400569), 310-320.
100. Abbasi Z., H Azimzadeh, **A Talebi**, A Sotoudeh, 2019, Evaluating Quality Of Ajabshir Groundwater Resources Based On Groundwater Quality Indicator (Gqi) And Geographical Information System, Jwss-Isfahan University Of Technology 22 (4), 99-108.
101. **A Talebi**, E Abyari, S Parvizi, 2019, Prioritization Of Sub-Watersheds From Flooding Viewpoint Using The Swat Model (Arazkoose Watershed, Golestan Province) , Jwss-Isfahan University Of Technology 23 (4), 409-419

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- 104.** A Mohammadian, A Talebi, M Godarzi, A Abdollahi, 2019, Prediction Of Climatic Parameters Caused By Climate Change, Case Study: Balqur Watershed In Kardeh Dam, Khorasan-Razavi Province, Watershed Engineering And Management 11 (200640), 551-556.
- 105.** M. Eshghizadeh , A. Talebi , M. T. Dasturani , H. R. Azimzadeh, 2019, Investigation of Multidirectional Flow Distribution Algorithm at Watershed Scale Using LAPSUS Model. Journal of Watershed Engineering and Management, 11(4),829-839.
- 106.** Z. Nouri, A. Talebi. M.A. Asadi . 2019. Investigation of the SWAT Model Efficiency to Determine Water Balance Components (Case Study: Semirom Mehrgerd Watershed ). Iran-WaterResources Research. 15(3), 133-143.
- 107.** Z. Eslami ,A. Talebi , A. Abbasi . 2019. Comparison of flood basin prioritization using HMS-HEC model and experimental methods in Eskandari watershed. Journal of Watershed Engineering and Management. 11 (2) , 336-343.
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