

Full Name	Ali Salajegheh	
Academic Rank	Full Professor	
E-Mail	salajegh@ut.ac.ir	
Department	Faculty of Natural Resources	
Work phone	---	
Fax	---	
Web Site	---	

Education

- 1) B.S, 1991, Natural Resources Engineering - Watershed Management, Tehran University
- 2) M.S, 1994, Watershed Management Engineering - Flood, Tehran University
- 3) Ph.D , 2004, Watershed Management Engineering & science, Tehran University
- 4) Post doc, ---, Water Resources Engineering - Water Foot Printing, Central University of Florida U.S.A

Authored Books

- 1) Ali Salajegheh, Amin Salehpur Jam, Yahya Rostai, , Masumeh Gharib, and . "GIS System Application in Physiographical and Topographical Studies." Tehran: Zanis Publication, 2012.

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- 77) Sedigheh Mohammadi, Ali Salajegheh, Hassan Ahmadi, Jamal Ghodousi, and . "Evaluation of Performance of Different Models of Estimation of Suspended Load by Curve Measurement Method in Sefidroud Watershed." *Journal of Range and Watershed Management* 70, no. 4 (2020): 977-990.
- 78) Meysam Jafari, Ali Salajegheh, and Parsa Haghighi. "Comparative forecast of rainfall and temperature in Kerman city using 6LARS-WG models." *Iranian Journal of Ecohydrology* 7, no. 2 (2020): 529 -538.
- 79) [], Ali Salajegheh, Alireza Moghaddam Nia, and Shahram Khalighi Sigaroodi. "Accuracy and efficiency of TRMM satellite in estimating monthly precipitation in Gorganrood watershed." *Iranian Journal of Ecohydrology* 7, no. 3 (2020): .

80) Mina PourEsmail, Ali Salajegheh, Arash Malekian, and Amirreza Keshtkar. "Prioritization of Vulnerability Criteria in Azimiyeh (Karaj) Against the Flood based on the Delphi Method." *Extension and Development of Watershed Management* 9, no. 33 (2021): .

81) Meysam Jafari, Ali Salajegheh, and Arash Malekian. "Investigating the Impact of Different Climate Change Scenarios on Groundwater Fluctuations in Arid and Semi-Arid Regions (Case Study: Kerman Plain)." *Irrigation and Water Engineering in Iran* 11, no. 44 (2021): 252-274.

Presented Papers in International Conferences

1) Ali Salajegheh. "The comparison of estimated suspended load in rivers." ICLD3 Conference RIO-BRAZIL -2001, Rio.

2) Ali Salajegheh, and . "Regional flood analysis in small catchments of central – Alborz." ISFD Conference BEIJIN, Beijing.

3) Amirreza Keshtkar, and Ali Salajegheh. "Qanat a Traditional method for Water Harvesting in Arid and semi Arid Regions of Iran." International Symposium on Management of Aquifer Recharge, Berlin.

4) Ali Salajegheh, and Amirreza Keshtkar. "Investigation of Water Spreading Effects on Water Table of Aquifer in Arid and Semi-arid regions." 5th International Symposium on Management of Aquifer Recharge, Berlin.

5) Amirreza Keshtkar, Ali Salajegheh, and . "The Study of Ecological Degridation in Arid Regions of Iran." International Symposium on Dry Land Ecology and Human Security, Sharjah.

6) Ali Salajegheh, Amirreza Keshtkar, and . "Water Resources Management in Arid Regions of Iran." International Conference on Environment:Survival and Sustainability, Nicosia.

7) , Ali Salajegheh, and Amirreza Keshtkar. "Investigation of land degradation and desertification in arid regions of Iran." 5th International Congress of the European Society for Soil Conservation, Palmona.

8) Ali Salajegheh. "Investigation of wind erosion in Khouf plain of IRAN by IRIFR.EA. model." ISCO (14) MARAKESH- MOROCO, Morocco.

9) , and Ali Salajegheh. "estimation of spatial sediment delivery ratio for Amameh cachment in a GIS environmmt." 4 th EARSel Workshop on remote sensing for developing Countries, Istanbul.

10) Ali Salajegheh. "Prioritization of flood in sub basin of Jajrod basin using GIS and HEC-HMS." EARSel Conferences Turkey 2008, Istanbul.

11) Ali Salajegheh. "Investigation of water spreading effects on water table of aquifer in arid and semi-arid regions-." ISMR Conference BERLIN _ GERMANY, Berlin.

12) Ali Salajegheh, , and . "investigation of effects of water spreading on improvment of iran." XXI internatinal Grassland Congress,.

13) Ali Salajegheh. "Experimental Investigation of 3D flow in river bends." International conference on water resources Hydraulic and Hydrology, Cambridge.

14) Osati Khaled, Ali Salajegheh, and Mohammad Mahdavi. "Assessment of rainfall-runoff relationships of complex storms by challenge matrix method." The first International Conference on Water Resources Management - icwr 2009,.

15) Ali Salajegheh, , Mohammad Mahdavi, and . "Inspecting flood hydrograph through imploying physical attributes using two and multiple variables regression factor and cluster analysisi(case study:West section of Jazmurian Watershed." The 6th International Symposiumon Protection and Utilization of Ecosystems in Arid and Semi Arid Regions, Karaj.

16) , Ali Salajegheh, and Mohammad Mahdavi. "Efficiency of Collins Method in Derivation of the Unit Hydrograph from Complex Storms." The 6th International Symposiumon Protection and Utilization of Ecosystems in Arid and Semi Arid Regions, Karaj.

17) , and Ali Salajegheh. "Watershed projects effectiveness in reducing erosion and sediment." International conference on the status and future of the Worlds large Rivers, Vienna.

18) Ali Salajegheh, , , and Sosan Salajegheh. "Drought severity frequency anlysis by L-moment method in centerl Iran." World Aqua Congress, New Delhi.

19) , , Ali Salajegheh, Mohammad Mahdavi, , and Arash Malekian. "Stable Isotopes stream flow characteristics of the Karkheh river in Iran and implications for water resources management." International Conference on Biodiversity in Zagros region Iran, Tehran.

20) Paul Koeniger, Khaled Osati, Ali Salajegheh, Mohammad Mahdavi, Kamran Chapi, and Arash Malekian. "Spatial and temporal variability of stable isotopes in the Upper Karkheh River basin, Iran." Joint European Stable Isotope Users Group Meeting, Leipzig.

21) Ali Ghasemi, Ali Salajegheh, Arash Malekian, and . "Investigation the sensivity of Balgholi river subwatersheds to the effective factors on flooding." The 1st International Conference of IALE-IRAN, Isfahan.

22) Ali Hamidian, and Ali Salajegheh. "Study of Environmental Ethics, Knowledge and Responsibility among students of Agriculture in IRAN." International Caucasian Forestry Symposium,.

23) Mahsa Mirdashtvand, and Ali Salajegheh. "Impact of climate change on annual stream and sediment flows (Case study: Karaj river basin)." 2 nd International Conference on Environmental Hazards , Tehran.

24) Ali Salajegheh, and Ali Ghasemi. "Investigation of Baleghichay Subwatershed Flooding based on the physical characteristics by using GIS technique." The 1st International Conference of LALE-Iran , Isfahan.

25) Ali Ghasemi, and Ali Salajegheh. " Investigation the sensitivity of Balgholi river subwatersheds to the effective factors on flooding." The 1th International Conference of LALE-IRAN, Isfahan.

26) Ali Hamidian, Arash Malekian, and Ali Salajegheh. "Water Application for Smartphones, New Opportunity for Water Education." International Congress on Landscape Ecology, Antalya.

Presented Papers in National Conferences

1) , Ali Salajegheh, Sadat Feyz Nia, and Hassan Ahmadi. "Preparation of mass movement hazard map using CF Model." Second International Conference on Water Resources Management, Kerman.

2) , Ali Salajegheh, , Mohammad Mahdavi, and Javad Bazrafshan. "the study of relationship between ocean at mospheic phenomena and drought." International Congress on Civil Engineering, Isfahan.

3) , , Hassan Ahmadi, and Ali Salajegheh. "the study of threshold topography on gully." the study of threshold topography on gully erosion in bare....., Khorramabad.

4) , , Ali Salajegheh, and Mohammad Mahdavi. "experim study effect of clag on bed load teansport ratio." hamayes, Khorramabad.

5) , Shahram Khalighi Sigaroodi, Ali Salajegheh, and . "rainfall-runoff simulation with semr-distributed method in watersheds with." eighth national conferrnec on watershed, Khorramabad.

6) , , Hassan Ahmadi, and Ali Salajegheh. "the effect study of physical and chemical characteristics of soil on gully." eighth national conferrnec on watershed, Khorramabad.

7) , , Hassan Ahmadi, and Ali Salajegheh. "the study of threshold values soil of gullgs in cold." interntional, Karaj.

8) Ali Hamidian, and Ali Salajegheh. "Green University, New vision in Academic Organisations sustainable Management ." The 1st Conference on Damavand Mountain, Tehran.

9) Ali Ghasemi, Ali Salajegheh, Arash Malekian, and . "The role of spatial variation of precipitation on flood hazard of Baleghli Chay." 9th National Conference on Watershed Science and Engineering of Iran,.

10) Mehdi Pourali, and Ali Salajegheh. "Risk assessment and flood damage (Case Study: Glucan Watershed)." The Fourth Comprehensive Flood Management and Engineering Conference, Tehran.

11) Ali Shahbazi, Ali Salajegheh, Arash Malekian, and Mehdi Ghorbani. "pplication of Value Engineering in Implementing Integrated Watershed Management Approach." 13 th National Conference on Watershed Management Sciences and Engineering And the third national conference on conservation of natural resources and the environment, Ardebil.

Referees

1) Twentieth Festival of Honor of Selected Researchers and Technologists of the Year 1398, ATF Ministry, 2019/11/19

Executive Activities

1) President of the Iranian Watershed Association, 2009/06/07, 2014/06/07, Iran, Tehran

Editor-in-Chief

1) Watea and Irrigation, scientific and research-based, 2019/09/25, 2019/12/24, 178448/140

2) Environmental Studies, scientific and research-based, 2022/04/05, 2025/04/01, 1111

3) International Journal of Coastal, Offshore and Environmental Engineering, scientific and research-based, 2023/04/05, 2023/04/11, 1111

Other Executive Activities

1) Head of Natural Resources, University of Tehran, 2008/07/08

2) Head of Iran Watershed Science Association, 2009/06/30

3) Consultation of the Board of Trustees of the Institute of Soil Conservation and Watershed Management of the country, 2011/03/05

4) Member of the Commission on Agriculture, Water and Natural Resources of the Council of Science, Research and Technology, 2011/08/09

Thesis (supervisor)

1) -----, Fatemeh Einloo, University of Tehran, 2015/02/17

2) -----, Nilofar Moradi, University of Tehran, 2015/07/22

3) -----, Zahra Noori, University of Tehran, 2015/09/14