# Curriculum Vitae

## Personal information


***Dr. Amin Zoratipour***

*Associate Professor, of Watershed Engineering,*
*Erosion and Sedimentation Modeling,*
*Image processing in remote sensing and GIS*.

**First name/ Surname** **Agricultural Sciences and Natural Resources of University Khuzestan.**

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**Nationality** I.R.IRAN

**Date of birth** May 20, 1982 in Iran , Ahvaz

**Gender** Male

**Education**

2002 – 2006 BSc. Range and Watershed Management, Faculty of Natural Resource of Chamran University, Ahvaz, I.R. IRAN
2006 – 2008 Msc. of Watershed Science, Faculty of Natural Resource of Tehran University, Karaj, I.R. IRAN
2008 – 2012 PhD. Student of Watershed Science, Faculty of Natural Resource of Tehran University, Department of Reclamation Regions Arid and Mountainous Sciences, Karaj, I.R. IRAN

**BSc. Average** 17.81
**MSc. Average** 17.63
**PhD. Average** 17.70

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| **Score in MSc. Entrance Exam** | First in Field of Watershed Science |
| **Award** | Second person of Watershed Science, Faculty of Natural Resource of Tehran University in MSc.<br>Second person of Watershed Science, Faculty of Natural Resource of Tehran University in PhD. |
| **Title of MSc. Thesis** | A Comparison of Hydrological (Statistical) methods for estimating Suspended Load (Case study: Taleghan Watershed) |
| **Title of PhD. Thesis** | Dynamic Modelling of Soil Erosion on Marl Formations, Based on Rainfall Characteristics and Physical Factors |
| **Scientific Societies Membership** | Young Researchers Club (http://www.yrc.ir)<br>Iran Ahvaz Range and Watershed Management, Chamran University Science Society<br>Iran Watershed Science Society |
| **Desired Research Fields** | Soil Conservation and soil erosion<br>Water resources management<br>Watershed management Science<br>Sediment Load River Investigations |

**List of Published Articles**

Hezarian, F. Khalilimoghadama B., **Zoratipour , A**. Firoozy Nejad M., Yusefi. A., 2022. Assessment of the capability of satellite images in determining the topsoil moisture content in the dust hotspot of south-eastern Ahvaz in Iran, Eurasian Soil Science Journal, DOI: 10.1134/S106422932211014X. 15 pp.

**Zoratipour, A**., Cheraghi, M. 2021. 'Combined Application of Multi-Criteria Decision Making Methods and Remote Sensing Systems for Flood Cellular Zoning of Abolabbas River Basin in Khuzestan Province', Irrigation Sciences and Engineering, 44(4), pp.109 -122. Doi: 10.22055/jise. 2021.36255.1942.

**Zoratipour, A.,** Moazami., M. Ansari, M. R., 2019. Determination of Contribution of the Sediment Resources, using the Geochemical Elements Fingerprinting Technique (Case Study: Dare Anar basin of Baghmalek), Journal of Water and Soil, Vol. 32, No. 6, Jan.-Feb. 2019, p. 1055-1067.

**Zoratipour, A.,** 2016. Comparison of Neuro Fuzzy, Neural Network Artificial and Statistical Methods for Estimating Suspended Load Rivers (Case Study: Taleghan Basin Upstream), Journal of Range and Watershed Management, Volume 69, Issue 1 , June 2016, , Pages 65-78. doi.org/10.22059/jrwm.2016.61734.

**Zoratipour, A**; baranpour, m; khalili moghadam, b; bagheri, M., 2022. Predicting the Land Degradation Changes in the Dust Center Under the Influence of Climate Change Phenomenon (Case study: Southeast Dust Center of Ahvaz), Applied Soil Research Journal, Volume 10, Issue 4, September 2022, Pages 25-44.

Neisi; S., khalili moghadam; B., **Zoratipour. A.,** 2017. Modeling of the impact factors on the length development of the marl gullies and determined of the sediment contribution of them (case study: Darb Khazine Basin), Journal of Range and Watershed Management, Volume 70, Issue 2 , August 2017, Pages 531-541, https://doi.org/10.22059/jrwm.2017.122677.861.

Almasieh, K; **Zoratipour; A.** Negaresh, K., 2020. Habitat suitability and connectivity assessment for a range plant Behbahanian knapweed (Centaurea pabotii) in Southwest of Iran as an invader for wheat fields, Journal of Range and Watershed Management, Volume 73, Issue 3 , December 2020, , Pages 578-598 . https://doi.org/10.22059/jrwm.2020.294764.1447.

**Zoratipour; A**., firoozinejad; M., Delfan Hasanzadeh.Kh., 2019. Assessment the Effect of Land use based on changes of the land surface temperature index in urban basins (Case Study: Bandar-e Emam Khomeyni, Khuzestan (.Journal of Range and Watershed Management, Volume 72, Issue 1 , June 2019, , Pages 69-82 ,https://doi.org/10.22059/jrwm.2019.255212.1244.

**Zoratipour, A.,** baranpour, m; khalili moghadam, 2021. Evaluation of the Performance of SDSM and LARSWG Statistical Downscaling Models for Quantitative Screening in Predicting Climate Scenarios (Case Study: Dust Center South and Southeast of Ahvaz), Hydro-geomorphology Journal, Vol. 8, No. 28, Fall 2021, pp (20-22).

Firoozy Nejad M., **Zoratipour A.** (2019): Assessment of LST and NDMI indices using MODIS and Landsat images in Karun riparian forest. J. For. Sci. Journal of Forest Science, 65, 2019 (1): 27–32.

Moazami., M. **Zoratipour. A.,** 2016. Determining sedimentation trend on flood spreading system using satellite image change detection technique. J. of Water and Soil Conservation, Vol. 23(2), 2016. http://jwsc.gau.ac.ir

Almasieh, K; **Zoratipour; A.** Negaresh, K., Delfan-Hasanzadeh., Kh. 2018. Habitat quality modelling and effect of climate change on the distribution of Centaurea pabotiiin Iran. Spanish Journal of Agricultural Research ,16 (3), e0304, 9 pages (2018).

**Zoratipour; A.,** firoozinejad; M., 2019. INVESTIGA TING URBAN INDUSTRIALIZATION AND THE CREATION OF HEAT ISLANDS. i-manager 's Journal on Civil Engineering, Vol. 9, No. 2, March - May.

**Zoratipour. A., Moazami**., M. 2016. The participation of hill slopes sediment delivery contribution in rainfalls different patterns by determine of the degraded Rills Volume, J. of Water and Soil Conservation, Vol. 23(3), 2016. http://jwsc.gau.ac.ir.

Arabkhedri M, Mahmoodabadi M, Taghizadeh Sh**, Zoratipour., A**. 2018. Causes of Severe Erosion in a Clayey Soil under Rainfall and Inflow Simulation. ECOPERSIA. 2018 ;6(4):225-233.

**Zoratipour., A.** ArabKhedri, M., 2017. Assessment of The Effect of the Rainfall Returns Period and Pattern on The Hillslope Erosion on The Catchments (Case study: Heshan Basin). Irrigation Sciences and Engineering, Volume 39, Issue 4, December 2017, Pages 123-132.

**Zoratipour, A.,** Mahdavi, M., Hakimkhani, Sh. and Shams Almaali, N., 2009. Selecting the best fitting hydrological method and sampling method to estimating suspended Load River (Case study: Taleghan Watershed Iran, Journal of Natural Resources of Iran, p. 79-81 (in Farsi, English abstract).

**Zoratipour, A.,** Salajegh, A., Asgari, H., Shams Almali, N., 2009. Comparison of artificial neural network method and regression statistical in simulate rainfall – runoff, Journal of research and Construction Iran (in Farsi, English abstract).

**Zoratipour, A.,** Mahdavi, M., Khalighi S. Sh, Salajegh, A.,Shams Almali, N., 2008. Assessment the Effect of Classification on the improved Estimation of suspended load with Hydrological methods (Case Study: Taleghan Basin) Iran, Journal of Natural Resources of Iran, (in Farsi, English abstract).

Zehtabian, Gh. R, Malekian, A., Asgari, H., **Zoratipour, A.** 2007, Application of geostatistical methods for determining annual precipitation in Karoon and Dez basins, 6-8 May 2007, p. 91-93 (in Farsi, English abstract).

**Zoratipour, A.,** Shams Almali, N., 2004, Estimated height and peak runoff areas to small experimental methods (Dog Watershed PA), Journal of Community of Tagh, (in Farsi, English abstract).

**Zoratipour, A.,** Khalighi S. Sh, Shams Almali, N., 2006, Efficiency of Hydrological Mean Category Method than a linear rating curve and two line for estimating suspended rivers, 4th Conference International of Natural Resources, Karaj-Tehran. (in Farsi, English abstract).