



Seyed Hasaan Alavinia

Assistant Professor

College: Faculty of Natural Resources and Earth Sciences

Department: Range and Watershed Management

Education

Degree	Graduated in	Major	University
BSc	2006	Natural Resources Engineering-Rangeland and Watershed Management	Yazd
MSc	2009	Natural Resources Engineering-Watershed Management	Shahr_e_Kord
Ph.D	2017	Watershed management Sciences and Engineering	Kashan

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Faculty Member	On Contract	Full Time	2

Papers in Conferences

1. Seyed hassan Alavinia ۹ Mahdi zarei.Negative effects of urban runoff pollutants on the health of urban watershed ecosystems and solutions to eliminate them and runoff efficiency.First National Conference on Natural Resources, Medicinal Plants and Traditional Medicine.۲۰۲۰ ۰۳ ۲۰.
2. Seyed hassan Alavinia ۹ Mahdi zarei.Proper management, conservation and high efficiency of green water as a strategic resource in agricultural water supply.First National Conference on Natural Resources, Medicinal Plants and Traditional Medicine.۲۰۲۰ ۰۳ ۲۰.
3. Seyed hassan Alavinia ۹ Mahdi zarei.Comparison of regression models and neural networks to simulate precipitation in arid and semi-arid regions.۱۴th National Conference on Watershed Management Science and Engineering of Iran.۲۰۱۹ ۰۷ ۱۶.
4. Relevance comparison of meteorological drought indices for hydrological flow in Armand River basin, Iran ,Geophysical Research Abstracts ,Vienna ,2011 01 13.

Papers in Journals

1. Seyed Hassan Alavinia ۹ Mahdi Zarei.Analysis of spatial changes of extreme precipitation and

- temperature in Iran over a 50-year period. *International Journal of Climatology*, 2020, 10, 27.
2. Seyed Hassan Alavinia , Seyed Javad Sadatinejad , Arash Malekian , Hoda Ghasemieh, The Impact of Rainfall Fluctuations and Uncontrolled Exploitation on Groundwater Systems and Hydrogeological Drought, *BIOLOGICAL FORUM-AN INTERNATIONAL JOURNAL*, 2016 08 28.
 3. Alavinia S H, Sadatinejad S J, malekiyan A, Ghasemieh H. Groundwater balance analysis to investigate the stress on the aquifer in arid areas. *Quarterly Journal of Geographical Studies of Arid Areas*. 2020, 07, 02.
 4. Mahdi Zarei , Mahdi Boroughani , Seyed Hassan alavinia. Estimating base-flow to assess environmental flow in the rivers of arid and semi-arid regions (Case study: Shamkan river, Sabzevar). *Water Resources Engineering*. 2020, 03, 20.
 5. Seyed Hassan Alavinia و Mahdi Zarei. climate change trends analysis using by extreme indices of long term rainfall and temperature in South East of Iran. *Journal of Regional Planning*, 2020, 05, 05.
 6. Seyed Hassan Alavinia , Seyed Javad Sadatinejad , Khodayar Abdollahi. Providing a model for predicting hydrological drought in the Karun 1 basin. *Environmental Erosion Researches*. 2011, 04, 21.
 7. Frequency Analysis of Regional Meteorological Drought in Karun-1 Basin of Iran. *Journal of Watershed Management Research*. 2016, 08, 28.
 8. مسعود متقیان, سید حسن علوی نیا, رضا قضاوی, ارزیابی عملکرد اقدامات آبخیزداری بر تغییر رفتار هیدرولوژیکی حوزه آبخیز در مناطق خشک و نیمه خشک, مطالعات جغرافیائی مناطق خشک, 1402/03/22, ISC.