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Education

- ✓ B.Sc, Geology, Sistan and Baluchestan University - 2004
- ✓ MS, Hydrogeology, Tabriz University - 2008
- ✓ PhD, Hydrogeology, Tabriz University - 2015

Courses

1. Economic Geology
2. Principles of Mineral Processing
3. Optical and Process Mineralogy and Laboratory
4. Mine Ventilation
5. Fluid Mechanics
6. Discriptive Mineralogy
7. Practical Mineralogy
8. Petrology
9. Laboratory of petrology
10. Cartography
11. Technical services in mines I
12. Technical Services in Mines
13. Laboratory of Mineralogy
14. Computer Programming

Journals Papers

2021

1. Drought forecasting using novel heuristic methods in a semi-arid environment

ozgur Kisi, Alireza Docheshmeh Gorgij, Mohammad Zounemat-Kermani, Amin Mahdavi-Meymand, Sungwon Kim

JOURNAL OF HYDROLOGY Volume: (597) 1 - 15

2. Using the fuzzy inference system and morphometric indices, in finding the vulnerable areas to the earthquake

Jami Mohsen, Alireza Docheshmeh Gorgij

Environmental Earth Sciences Volume: (80) 1 - 15

3. Drought modelling by standard precipitation index (SPI) in a semi-arid climate using deep learning method: long short-term memory

Alireza Docheshmeh Gorgij, Meysam Alizamir, Ozgur Kisi, Ahmed Elshafie

NEURAL COMPUTING and APPLICATIONS Volume: (33) 1 - 18

4. Prediction of daily chlorophyll-a concentration in rivers by water quality parameters using an efficient data-driven model: online sequential extreme learning machine

Meysam Alizamir, Salim Heddami, Sungwon Kim, Alireza Docheshmeh Gorgij, Peiyue Li, Kaywan Othman Ahme

Acta Geophysica Volume: (69) 1 - 23

2020

5. Environmental impact assessment and sustainability, level determination of Boog Granite Mine using Philips model

Gholamhassan Kakha, Somayeh Tabasi, Alireza Docheshmeh Gorgij, Jami Mohsen

Volume: (8) 199 - 212

6. Dissolved oxygen prediction using a new ensemble method

ozgur kisi, meysam alizamir, Alireza Docheshmeh Gorgij

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: (27) 9589 - 9603

7. Structural analysis of Kahir dam geographic situation, In order to study the possible problems of dam construction (south-east of Iran)

Jami Mohsen, Alireza Docheshmeh Gorgij, Riahi Hossein, Pourkermani Mohsen

Volume: (10) 125 - 142

2019

8. Introducing a novel method in evaluation of groundwater hydrochemical characteristics, GWQISI index: case study Malekan Aquifer, Northwest of Iran

Farahnaz Azizi, Asghar Asghari Moghaddam, Amirhossein Nazemi, Alireza Docheshmeh Gorgij
Arabian Journal of Geosciences Volume: (12) -

[9. Groundwater quality ranking using the improved entropy TOPSIS method: a case study in Azarshahr plain aquifer, east Azerbaijan, Iran](#)

Alireza Docheshmeh Gorgij, Jianhua Wu, Asghar Asghari Moghadam
HUMAN AND ECOLOGICAL RISK ASSESSMENT Volume: (25) 176 - 190

[10. Using of moran spatial autocorrelation index and bayesian kriging in groundwater quality assessment case study azarshahr plain](#)

Alireza Docheshmeh Gorgij, Asghar Asghari Moghaddam
Volume: (33) 21 - 31

2012

[11. Improving Drought Modeling Using Hybrid Random Vector Functional Link Methods](#)

Muhammad Adnan Rana, R. Mostafa Reham, Towfiqul Islam Abu Reza Md, Alireza Docheshmeh Gorgij, Kuriqi
Water Volume: (13) 1 - 22

Conferences Papers

2020

[1. Determining the Aquifer Bedrock Morphology, Applying the Empirical Bayesian Kriging \(EBK\)](#)

Iranian geophysical Conference
Alireza Docheshmeh Gorgij, Jami Mohsen, Gholamhassan Kakha

[2. Geomagnetic study and analysis in the geological area of Torbat-e Jam plain \(northeast of Iran\)](#)

Second International Conference on Development of Materials Engineering Technology, Mining and Geology
Jami Mohsen, Alireza Docheshmeh Gorgij