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Faculty : Engineering

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Education

- B.Sc, Civil Engineering,Sistan and Baluchestan University - 1990
- MS, Civil Engineering- Water Engineering,K. N. Toosi University of Technology - 1993
- PhD, Civil Engineering- Water Engineering,Ferdowsi University of Mashhad - 2009

Courses

1. Reinforced Concrete Structures Project
2. Steel Structures Project
3. specific studies
4. Dynamics
5. Engineering Hydrology
6. 0

Master Thesis

1. sddSimulation of Climate Change Effects on Groundwater (Case Study: Birjand Plain)

   احسان بيجاري, [Bahareh Pirzadeh, Mohammad Givehchi, Mohsen Hamidianpour]

   نيمسال دوم سال تحصيلي 96-95

2. asrInvestigation of quality of ground water for drinking and agriculture purposes and the effect of hydro geochemical processes on the Zahedan aquifer quality

   پيمان زراعتگردويم, [Bahareh Pirzadeh, Mohammad Givehchi]

   نيمسال دوم سال تحصيلي 96-95

3. Modeling the cotoff wall of dam With PLAXIS

   سعيد شهركي, [Mohammad Givehchi, Mehdi Azhdary Moghaddam]

   نيمسال اول سال تحصيلي 91-90

4. Investigation on analysis of seepage in earth dams

   اميره نخعي, [Mohammad Givehchi, Mehdi Azhdary Moghaddam]

   نيمسال اول سال تحصيلي 91-90

Journals Papers

2021

1. Reliability Analysis of Pumping Station for Sewage Network Using Hybrid Neural Networks - Genetic Algorithm and method of Moment

, Bahareh Pirzadeh, Behrooz Keshtegar, Mohammad Givehchi

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION Volume: (145) 39 - 51

2. Probabilistic Modeling and Estimation of Flow Rate of Sewage Treatment Plant Using Monte Carlo Hybrid Method

, Bahareh Pirzadeh, Behrooz Keshtegar, Mohammad Givehchi

Volume: (31) 60 - 69

3. A hybrid statistical regression technical for prediction wastewater inflow

, Bahareh Pirzadeh, Behrooz Keshtegar, Mohammad Givehchi

COMPUTERS AND ELECTRONICS IN AGRICULTURE Volume: (184) 106115-1 - 106115-17

2020

4. Multi-purpose Design of Water Supply Networks in Order to Reduce Pressure Surplus of Network (Case Study: Ismail Abad Water Supply Network)

Mohammad Yousefi, Mohammad Givehchi, Mehdi Azhdary Moghaddam, JAFAR JAFARI-ASL

Volume: (14) 1240 - 1251

2017

5. Prediction of the Velocity Contours in Triangular Channel with Non-uniform Roughness Distributions by Adaptive Neuro-Fuzzy Inference System

, Mohammad Givehchi

Volume: (28) 47 - 57

6. Predicting turbulent flow friction coefficient using ANFIS technique

, Mohammad Givehchi, , , ,

Signal Image and Video Processing Volume: (11) 341 - 347

2016

7. PERFORMANCE INVESTIGATION OF NEURO-FUZZY SYSTEM

, Mohammad Givehchi, Mahmoud Miri,

Asian Journal of Civil Engineering (Building and Housing Volume: (17) 213 - 223

8. Performance investigation of neuro-fuzzy system for earthquake prediction

, Mohammad Givehchi, Mahmoud Miri,

Asian Journal of Civil Engineering (Building and Housing Volume: (17) 213 - 223

2010

9. Discharge Estimation in a Tidal River with Partially

, Mohammad Givehchi

journal of waterway port coastal and ocean engineering-asce Volume: (136) 266 - 275

10. Discharge Estimation in a tidal river with partially reverse flow

, Mohammad Givehchi

JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE Volume: (136) 266 - 275

2009

11. Application of Depth-Averaged Velocity Profile for Estimation of Longitudinal Dispersion in Rivers

Mohammad Givehchi, ,

Volume: (20) 91 - 96

12. Discharge Estimation by the aid of isovel contours in a tidal river with partially revers flow

Mohammad Givehchi, ,

International Journal of Civil Engineering Volume: (7) 99 - 108

Conferences Papers

2017

1. Investigation of triangulat obstacle on muddy flow using Flow-3D

16th Iranian Hydraulic Conference

Sakineh Safari, Mohammad Givehchi, Bahareh Pirzadeh

2010

2. Determination of depth-averaged velocity for estimation of longitudinal dispersion in natural rivers by using new method

International Conference onWater Wastewater Treatment

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