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PERSONAL DETAILS	
Name	Mahdi Naseri
Position	Assistant Professor
Department	Civil Engineering
Faculty	Engineering
Tel. No. (Office)	+98-56-32320552
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E-mail Address	mnaseri@birjand.ac.ir
Address(Office)	Civil Engineering Department, Faculty of Engineering, University of Birjand, Iran



ACADEMIC QUALIFICATION		
PHD in Civil Engineering – Water Resource Management	2008 - 2012	University of Malaya, Kuala Lumpur, Malaysia
MSCE in Civil Engineering – Water Engineering	1997-2000	Isfahan University of Technology, Isfahan, Iran
BSCE in Civil Engineering	1987-1992	Ferdowsi University of Mashad, Mashad, Iran

RESEARCH INTERESTS
Water Resources Planning and Management
Hydrologic Time Series Analysis and Modeling
Flood Forecasting and Flood Control
Surface and Groundwater Hydrology and Modeling
Artificial Intelligent

PROFESSIONAL BACKGROUND	
2000 - date	Civil Engineering Department, university of Birjand, Birjand, Iran
2002-2006	Civil Engineering Department, Azad university of Birjand, Birjand, Iran

PROFESSIONAL AFFILIATION/MEMBERSHIP	
2009 - date	American Society of Civil Engineers (ASCE)
1995 - date	Iranian Civil Engineers Organization, Khorasan Province

ADMINISTRATIVE EXPERIENCE	
2001 - 2007	Manager of Construction Projects Office of the University of Birjand, Iran
2001 - 2007	Head of Building and Installation office of the University of Birjand, Iran
2012 - date	Head of Civil Engineering Department, university of Birjand, Birjand, Iran
2014 - date	Chancellor's consultant in Construction Projects Affaires

RESEARCH TECHNICAL PROJECTS	
Feasibility study of the processing of decorative stones projects in Bejestan area (Hydrologic studies), south of Khorasan province, 2005	
Feasibility study and Design of Sanitary Sewer Network for the University of Birjand's campus, (2007).	

RECENT SELECTED PUBLICATIONS
Journal
Baazm Z., Naseri, M. Akbarpour, A., Zahiri, S.H. (2019). <i>Minimization of Pumping Costs in an aquifer under Simulation – Optimization Model Using inclined planes system optimization algorithm.</i> Iranian Journal of Irrigation and Drainage
Hoseyni S. U., Naseri, M. , Sadeghi Tabas S. (2018). <i>Optimal operation of reservoir under multi-objective policy to sustainable development.</i> Journal of Water and Soil Conservation
Sarikhani S., Naseri M. , Akbarpour A., Sharifi M.B. (2018), <i>Application of developed nonlinear Kalman filter to improve the results of groundwater flow modeling in aquifer.</i> Iranian Journal of Irrigation and Drainage
Akrami, S. A., El-Shafie, A., Naseri, M. , Celso A. G. Santos, C. A. G.(2014), <i>Rainfall data analyzing using moving average (MA) model and wavelet multi-resolution intelligent model for noise evaluation to improve the forecasting accuracy.</i> Journal of Neural Computing and Applications (<i>ISI-Cited Publication</i>)
Naseri, M. , & Othman, F. (2012), <i>Determination of the Length of Hydraulic Jump Using Artificial Neural Networks.</i> Advances in Engineering Software Journal. Vol. 48, 27-31 (<i>ISI-Cited Publication</i>)
Othman, F., & Naseri, M. (2011), <i>Long-Term Reservoir Inflow Forecasting Using Artificial Neural Networks.</i> International Journal of Physical Sciences. Vol. 6 (3) February: 434-440 (<i>ISI-Cited Publication</i>)
Proceeding
Baazm Z., Naseri, M. , Akbarpour, A., Zahiri, S.H. (2018). <i>Optimization of operation Costs of an aquifer Using inclined planes system optimization algorithm.</i> The first National Conference on Modeling and New Technologies in Water Management
Khosravi, A., Baazm Z., Naseri, M. , (2018). <i>Application of Nash bargaining model in multi-objective optimization of groundwater management using NSGA-II algorithm.</i> The first National Conference on Modeling and New Technologies in Water Management
Baazm Z., Naseri, M. , Akbarpour, A., Zahiri, S.H. (2018). <i>Numerical simulation of groundwater flow using Mesh less method.</i> The first National Conference on Modeling and New Technologies in Water Management
Sarikhani S., Naseri M. , Akbarpour A., Sharifi M.B. (2017). <i>Using a Kalman Filter to Improve Prediction of Groundwater Levels,</i> The 14 th International Conference on Environmental Planning and Management
Mesbahzade M., Naseri, M. , (2016). <i>The Impact of Hydro climatic of Climate Change on Energy Levels in the Long Term Horizons.</i> The 16 th Iranian Hydraulic Conference
Baazm Z., Naseri, M. (2016). <i>Investigation of agricultural water demand management in groundwater resources with emphasis on pricing policy using mathematical programming method, PMP.</i> The first national conference on the new opportunities for agricultural production and employment in the eastern part of the country

<p>Baazm Z., Naseri, M. (2016). <i>Investigating the role of virtual water in groundwater resources management</i>. The first national conference on the new opportunities for agricultural production and employment in the eastern part of the country</p>
<p>Naseri, M., Barzgaran M., Mohtashami A. (2016, May). <i>Evaluation of interpolation models to estimate the Electrical Conductivity (EC) Parameter using GIS software</i>. 2nd International Conference on New Research Achievements in Civil Engineering Architectural & Urban Management, Tehran, Iran</p>
<p>Naseri, M., Barzgaran M., Ghorbani S. (2016, April). <i>Performance evaluation of LARS-WG model in climatic parameters simulation of Tabas basin</i>. The 6th Iranian National Conference on Water Resources Management, Kordestan, Iran</p>
<p>Esmaeel Zade M., Naseri, M. (2016, April). <i>Drinking Water management of Mashad City under participation of stakeholders</i>. The 6th Iranian National Conference on Water Resources Management, Kordestan, Iran</p>
<p>Esmaeel Zade M., Naseri, M. (2016, April). <i>Water demand and Water production management of Cities Using Time series modeling</i>. The 6th Iranian National Conference on Water Resources Management, Kordestan, Iran</p>
<p>Hoseyni S. U., Naseri, M. (2016, March). <i>The Steps of Water Supply Project Implementation to Prevent Leakage of Water from Reservoir, Water Transmission lines and Water Distribution Networks</i>. 2nd National Conference on Conservation of Natural Resources and Environment. Ardebil, Iran</p>
<p>Hoseyni S. U., Naseri, M. (2016, March). <i>Study on Groundwater of Housing Construction Site in the City of Birjand to prevent Contamination</i>. 2nd National Conference on Conservation of Natural Resources and Environment. Ardebil, Iran</p>
<p>Majidi N., Naseri, M. (2016, March). <i>Surface water quality assessment using quality indexes</i>. 2nd National Conference on Conservation of Natural Resources and Environment. Ardebil, Iran</p>
<p>Esmaeel Zade M., Naseri, M. (2016, April). <i>Water demand and Water production management of Cities Using Time series modeling and Neural Networks and Result Comparison</i>. 1st International Conference on Applied Researches in Civil Engineering Architecture and Urban Management. Tehran, Iran</p>
<p>Baazm Z., Naseri, M. (2016, February). <i>Analysis of Water Supply Pipelines Under the Load Caused by the Earthquake Wave Propagation Using Finite Element Software</i>. 2nd International Conference & 3rd National Conference on New Technologies Application in Engineering. Mashad, Iran</p>
<p>Baazm Z., Naseri, M. (2016, February). <i>Evaluation of the Behavior of Fiber Concrete in Dynamic Analysis of Concrete Gravity Dams under Blast Loading using ABAQUS Finite Element Software</i>. 2nd International Conference & 3rd National Conference on New Technologies Application in Engineering. Mashad, Iran</p>
<p>Sarikhani S., Naseri, M. (2016, February). <i>Zoning of South Khorasan Province in Terms of</i></p>

<p><i>Temperature and Precipitation</i>. 2nd International Conference & 3rd National Conference on New Technologies Application in Engineering. Mashad, Iran</p>
<p>Sabet M., Naseri, M. (2016, February). <i>Evaluation of the need for flood warning systems (Zoshk – Abardeh River)</i>. National Conference on the Water Crisis and Water Management in Dry Regions of Iran. Yazd, Iran</p>
<p>Sabet M., Naseri, M. (2016, February). <i>Management of groundwater utilization Using GMS Software</i>. National Conference on the Water Crisis and Water Management in Dry Regions of Iran. Yazd, Iran</p>
<p>Edalatipour M. A., Naseri, M. (2016, February). <i>The Role of Porous Asphalt in the Rain Water Absorption and Feeding Groundwater Resources in Cities</i>. National Conference on the Water Crisis and Water Management in Dry Regions of Iran. Yazd, Iran</p>
<p>Kalantari M., Naseri, M., Sadeghi A. A. (2015, November). <i>Numerical Analysis of Statistical Data of Available Water Resources in South Khorasan Province in Terms of Water Crisis</i>. 4th National Conference on New Materials & Structures in Civil Engineering. Yasouj, Iran</p>
<p>Majidi N., Naseri, M. (2015, November). <i>The Trend Investigation of Temperature and Rainfall (Case Study: Torbat-e Heydarieh)</i>. 1st International & 3rd National Conference of Architecture Restoration, Urbanism and Stable Environment. Tehran, Iran</p>
<p>Sarikhani S., Naseri, M. (2015, November). <i>Performance Investigation of Drought Indexes of Meteorology in Drought Assessing of South Khorasan Province</i>. 1st International & 3rd National Conference of Architecture Restoration, Urbanism and Stable Environment. Tehran, Iran</p>
<p>Mohtashami A., Naseri, M. (2015, September). <i>Trend Assessment of Drought in South Khorasan Province and its Impact on Optimal Water management</i>. 1st National Conference on Water Crisis and Extrication Ways. Kaboudar Ahang, Iran</p>
<p>Mohtashami A., Naseri, M. (2015, October). <i>Classification of Water Quality for Drinking, Agriculture and Industry Water Use</i>. 1st National Conference of Water Resources Quality and Sustainable Development. Arak, Iran</p>
<p>Mohtashami A., Moudi S., Naseri, M. (2015, October). <i>Assessing the Impact of Drought on the Salinity of Groundwater Resources</i>. 1st National Conference of Water Resources Quality and Sustainable Development. Arak, Iran</p>
<p>Hoseyni S. U., Naseri, M. (2015, October). <i>Potential Evaluation of Corrosion and Sediment of Rural Drinking Water network</i>. 1st National Conference of Water Resources Quality and Sustainable Development. Arak, Iran</p>
<p>Moraveg, A., Naseri, M. (2015, May). <i>Investigation of the Ability of WMS Software on Remove the Digital Pit in Digital Elevation Model (DEM)</i>. 1th National Congress on Iran's Irrigation & Drainage, Mashad, Iran</p>

<p>Baazm Z., Naseri, M. (2015, May). <i>Crisis Management in Urban Water Supply Networks and Design of Safe and Sustainable Drinking Water Supply (Case Study: Birjand City)</i>. 1th National Congress on Iran's Irrigation & Drainage, Mashad, Iran</p>
<p>Baazm Z., Naseri, M. (2015, May). <i>Investigation of Nano Technology in Removing of Contaminants from Water Treatment Process</i>. 1th National Congress on Iran's Irrigation & Drainage, Mashad, Iran</p>
<p>Baazm Z., Naseri, M. (2015, May). <i>Crisis Management and Strategies of Vulnerability Reduce Under Passive Defense Approach in the Design of Water Distribution Networks and Related Facilities</i>. 1th National Congress on Iran's Irrigation & Drainage, Mashad, Iran</p>
<p>Naseri, M., Moraveg, A. (2014, September). <i>Drought Management of South Khorasan, Focusing on Integrated Management of Ghanat of Province</i>. 2th National Conference on Water Cricis,Shahre Kord, Iran</p>
<p>Helalbeygi A., Feyzbakhsh A., Naseri, M., Moradi S. (2014, May). <i>Drought Monitoring Using SPI and SPEI Indexes in South Khorasan</i>. 4th International Conference on Environmental Challenges and Dendrochronology, Sari, Iran</p>
<p>Feyzbakhsh A., Naseri, M. (2013, May). <i>Determination Time Distribution of Rainfall in South Khorasan</i>. 7th National Congress on Civil Engineering (7thNCCE), Zahedan, Iran</p>
<p>Naseri, M., & Othman, F. (2010, June). <i>Optimal Release Allocation to Power Plant of Sultan Mahmud Hydropower Reservoir in Malaysia</i>. International Conference on Sustainable Building and Infrastructure (ICSBI2010), Kuala Lumpur, Malaysia</p>
<p>Naseri M., Othman F., & Morteza Nia S. (2010, June). <i>Time Series Modeling of Sultan Mahmud Hydropower Reservoir Inflow</i>. International Conference on Sustainable Building and Infrastructure (ICSBI2010), Kuala Lumpur, Malaysia</p>
<p>Mohammadhassani, M., Maghsoudi, A. A., Zamin Jumaat, M., Ghanbari, F., Asghari, M., Naseri, M. (2010, June). <i>Experimental study on Ductility of High Strength Reinforced Concrete Beams with low Longitudinal Tensile Reinforcement Ratio for seismic hazardous areas</i>. International Conference on Sustainable Building and Infrastructure (ICSBI2010), Kuala Lumpur, Malaysia</p>
<p>Morteza Nia, S., Othman, F., and Naseri, M. (2010, June). <i>Assessment of Proper Pipe Nomination for Sewage Infrastructures</i>. International Conference on Sustainable Building and Infrastructure (ICSBI2010), Kuala Lumpur, Malaysia</p>
<p>Sajedi, F., Hashim, A. R., and Naseri M. (2009, January). <i>Estimation of 28-day Concrete Strength of High Strength Concrete Based on 7-day Concrete Strength</i>. Paper presented at the 2nd International Conference on Geoinformation Technology for Natural Disaster Management and Rehabilitation(GiT4NDM&R), Bangkok, Thailand</p>
<p>Naseri, M., & Othman, F. (2009, December). <i>Comparison of Forecast Updating and Re-Forecasting of</i></p>

Stream flow Forecasted. International Conference For Technical Postgraduates, Kuala Lumpur, Malaysia

Naseri, M., & Othman, F. (2008a, December). *Hydropower Energy in Water Resources Planning and Management.* International Conference on Environment (ICENV), Environmental Management & Technologies towards Sustainable Development, Penang, Malaysia.

Naseri, M., & Othman, F. (2008b, December). *Long-Term Reservoir Inflow Forecasting Using Artificial Neural Network.* International Conference on Environment (ICENV), Environmental Management & Technologies towards Sustainable Development, Penang, Malaysia.

Othman, F., & **Naseri, M.** (2008, December). *Decision Support Systems in Water Resources Management.* The 9th Asia Pacific Industrial Engineering & Management Systems Conference and the 11th Asia Pacific Regional Meeting of the International Foundation for Production Research, Bali, Indonesia.

Naseri, M., Safaeeyan, M.,and Amushahi, M., "*Determination of The Length of Hydraulic Jump in Slope Aprons Using Artificial Neural Networks*", Proceeding of third National Congress on Civil Engineering, Tabriz, Iran, (2007).

TEACHING	
Water Resources Systems Planning and Management	(Master)
Hydrological Time Series Modeling	(Master)
Water Supply Networks	
Water and Wastewater Engineering	
Open Channel Hydraulic	
Open Channel Hydraulic Lab.	
Water Conveyance Systems	
Construction of Irrigation and Drainage Networks	
Fluid Mechanic	

REVIEWER JOURNAL/CONFERENCE/Book
International Journal of Physical Sciences
IEEE International Conference on Power and Energy (PECON 2012), Sabah, Malaysia
IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA 2012), Bandung, Indonesia
IEEE Business Engineering and Industrial Applications Colloquium (BEIAC 2013), Langkawi, Malaysia
Water Sciences & Engineering Conference (2015, June), Tehran, Iran
Iranian Journal of Rainwater Catchment Systems
Application of Mathematical Models in Porous Media (Book)