



Mohammad Nabavianpour

Department of Civil Engineering and
Transportation University of Isfahan, Isfahan, Iran
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Date of birth: 16-SEP-1980

Married. 1 children

EDUCATION

B.Sc. in Water Engineering, 2003

Isfahan University of Technology, Isfahan, Iran,

Department of Agriculture (14.5/20)

M.Sc. in Water Engineering, 2007

Chamran University, Ahvaz, Iran

Department of Civil Engineering (16.5/20)

Top 2 Student

Thesis: Numerical Modeling of Unsteady Seepage through Nonhomogeneous and Anisotropic Earth Dams Using Combination of Boundary Element (BEM) and Finite Difference Technique (19.5/20)

Ph.D. Student- since 2016

University of Isfahan, Isfahan, Iran

Department of Civil Engineering

Passed the Qualifying Exam and all PhD courses

Top Student (18/20)

ACADEMIC WORK EXPERIENCE

Sessional Instructor 2008-2015

University of Sheykhbahaie, Department of Urban Engineering

TEACHING

River Engineering (Graduate course)

Fluid Mechanics (Undergraduate course)

Hydraulics (Undergraduate course)

GIS (Undergraduate course)

PUBLICATIONS

- 1- Nabavianpour, M. "Mathematical Modeling of Unsteady Seepage through Non Homogenous and Anisotropic Earth Dams Using Boundary Element (BEM) Technique" 6th Iranian Hydraulic Congress, University of Shahrekord, Iran.
- 2- Nabavianpour, M. Samani, H, M, V. "Modeling of Unsteady Free Surface Through No Homogenous and Anisotropic Dam", 4th National Congress of Civil Engineering, 2008, University of Tehran. Iran.
- 3- Nabavianpour, M. Pourabadi, T. "Determination of the optimum urban pipeline path in iran with artificial intelligence (fuzzy logic)" ,4th National Congress of Civil Engineering, June 2008, University of Tehran. Iran.
- 4- Pourabadeh, T., Nabavianpour, M. "Training and floodplain management in urban regions applying GIS tools", 1st conference urban GIS, North university, 2009.
- 5- Rahimi, Nabavianpour. "Comparison of Results of HEC-RAS and MIKE11 Models in Simulation of Water Levels in Rivers (Case Study: Lordegan River)",8 International Civil Engineering Congress
- 6- Nabvianpour, Pourabadeh. "Comprehensive Distribution Framework for Zayandeh Rood Water Based on Sheikh Bahay Scroll", the International Conference on Traditional Knowledge of Water Resources Management,2010
- 7- Hedayat, Nabavianpour. "INTEGRATED WATER RESOURCES MANAGEMENT OF ZOHRE RIVER" World Aqua Congress, 2011
- 8- Hedayat, Nabavianpour. "Integrated management of catchment area using WEAP model Case study of Zohreh River Second National Conference on Water Resources Research,2011
- 9- Nabvianpour, Pourabadeh. "Comprehensive Distribution Guide for Zayandehrood Water Based on Sheikh Baha'i Scroll ", The role of culture in water resource management,2011
- 10- Golamkari, Nabvianpour. "Optimization of the orientation of buildings in Isfahan by comparing traditional methods and AHP method", National Conference on Urban Culture and Management Architecture2012
- 11- Golamkari, Nabvianpour. "City design based on the needs of citizens" Second International Congress on Architectural, Architectural and Urban Development,2015
- 12- Nabavianpour, Moshashaie. "3D SIMULATION OF THE EFFECTS OF ACCUMULATION OF FLOATING WOODY DEBRIS ON FLOW FIELD AND APPLIED FORCES ON BRIDGE PIERS" International Conference of Civil Engineering, Architecture and urban landscape, Istanbul, turkey,2015
- 13- MirMohammadsadeghi, Nabvianpour. "Frequency Analysis Using Acai Criterion" Second National Conference on Hydrology of Iran,2017
- 14- Jowzadani, Nabavianpour. "An Approach to River Regeneration and Landscape with a Sustainable Development Approach", The first International Civil, Architectural and Sustainable Green City Symposium,2017

Work Experiences:

2003-2005: Parsab sepanan andish Consulting engineer
(www.parsab.com)

2005 to be 2015: Padidab sepanan Consulting Engineer
(www.padidab.com)

2008 to be 2018: Zharfab Tadbir Consulting Engineer
(www.zharfab.com)

Memberships

- Member of "Iranian Hydraulic Association"
Member, (Since 2007)
- Member of "Iranian Water Science Association"
Member, (Since 2007)
- Isfahan regional Committee on Irrigation and Drainage.
Member, (Since 2005)
- Iranian Org. for engineering order of Agriculture.
Member, (Since 2003)

Qualification/ Skills:

Language:

- 1. English:** Fluent in both written and spoken English
- 2.** Persian as mother tongue.

Computer Skill:

- Drawing:

- AutoCAD

- Planning base on topography:

- Cival3d

- Rive engineer:

- HEC-RAS. River cad, Mike zero

- Meteorology and hydrology:

- HEC-HMS, SMADA, Wind rose, Weather Cal, Smada, Hyfran

- Water network distributions:

- Epanet, watergems, Mike net, Water cad, WaterGems, Hammer

- GIS:

- Arc view 3.3, Arc Map 10.5

- Soil, water and seepage:

- Mseep, Geostudio (seep vadose quake temp...)

- Computational Fluid Dynamics:

- Fluent

- Sediment Transport Simulator:

- Cche2d, Gstar

- General:

- MS Office
- Visual basic & Fortran 90 Programming