

Nohan's Resume (CV)



CURRICULUM VITAE:

Name: Ebrahim Nohani

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Home Address: No. 141, Kian Abad, West Third Street, Postal Code: 6155657384, Khuzestan, Ahvaz, Iran.

Official Address: Department of hydraulic Structures, Dezful Branch, Islamic Azad University, Dezful, IRAN.

Education:

Ph.D. in hydraulic Structures: 2008-2012

Islamic Azad University (Science and Research Branch), Tehran, Iran

M.Sc. in hydraulic Structures: 2004-2006

Shahid Chamran University, Ahvaz, Iran

B.Sc. in Water Engineering: 2000-2004

Shahid Chamran University, Ahvaz, Iran

Employment History:

Since 2008 Assistant Professor and Faculty Member at Islamic Azad University, Dezful Branch, Department of Hydraulic Structures, Dezful, IRAN.

Teaching graduate courses to Environmental and Civil Engineering, Water Resources Engineering, Irrigation and Hydraulic Structures B. Sc. and M.Sc. students.

Supervisor and Advisor of several M.Sc. Dissertations and Advisor of Ph.D. Theses.

Field Of Expertise:

Hydraulics, River Engineering, Sedimentation, Hydraulic Structures and Water Engineering, Experimental Modeling Investigation and Numerical Modeling in Hydraulic Fields, Civil Engineering and Other Related Fields.

Papers:

- [1] **Ebrahim Nohani.**, Bejestan, M. s., Masjedi, A. and Kashkuli, H.A. 2012. Experimental study on the riprap stability in the vicinity of a bridge pier fitted with a collar in a 180 degree river bend. Archives Des Sciences Journal, 65(7):339-345.
- [2] **Ebrahim Nohani.**, Bejestan, M. s., Masjedi, A. and Kashkuli, H.A. 2012. Experimental Study on the Stability of Riprap at Bridge Piers in a 180 Degree Flume Bend. Contemporary Engineering Sciences, 5(8):381-390.
- [3] **Ebrahim Nohani.**, Bejestan, M. s., Masjedi, A. and Kashkuli, H.A. 2012. Riprap Stability in the Vicinity of a Bridge Pier Fitted with a Collar in the Rivers Bend. World Applied Sciences Journal, 20(3): 354-358.
- [4] **Ebrahim Nohani.**, Naghshine, H. 2013. Experimental Evaluation of the anti-vortex plates angle on discharge coefficient for the shaft spillway. International Journal of Agriculture: Research and Review, 3 (2): 246-253.
- [5] **Ebrahim Nohani.**, sakhai, S. and Afrous, A. 2013 .The Study of Cavitation Phenomenon in the Chute of Jarreh Dam by Applying FLOW-3D Model. Bull. Env. Pharmacol. Life Sci., 3 (1): 83-90.
- [6] **Ebrahim Nohani**, Shafai Bejestan M, Masjedi A. 2014. Determination of Stable Riprap Diameter Around Cylindrical Bridge Pier in the River Bends. JWSS - Isfahan University of Technology, 18 (68):33-42.
- [7] Tghinasab, F.,**Ebrahim Nohani.**, Dahanzadeh, B. 2014. Numerical Modeling of Lateral Intake Flow Pattern using Flow 3D (Case study: Eastern intake of Shahid Al Ishaq diversion dam). Advances in Environmental Biology, 8(21): 483-488
- [8] **Ebrahim Nohani.** 2014. An Experimental Study on the Effect of Vortex Breakers on Discharge Coefficient for the Shaft Spillways with Sharp Edge and Wide Edge. Journal of Civil Engineering and Urbanism, 4 (5): 546-549.
- [9] **Ebrahim Nohani.**, Heydarnejad, M. 2014. Experimental Investigation of the Effect of Flow Angle of Attack on the Rate of Scour around the Slotted Bridge Pier at Different Levels of River Bend. IJRASET-International Journal for Research in Applied Science & Engineering Technology, 2 (12):276-282.

- [10] **Ebrahim Nohani**, Alimakan, E. 2014. Forchheimer Equation Coefficients Optimization to Use in Porous Media. *Advances in Environmental Biology*, 8(21): 475-482.
- [11] **Ebrahim Nohani**, Morteza Bakhtiari. 2014. Determining the Stage-Discharge Curve and Changing It into a Regression Equation Using Hydraulic Software. *International Journal of Research and Reviews in Applied Sciences*, 21 (1):1-7.
- [12] **Ebrahim Nohani**, Heshmatolah Mirzaei. 2014. Distribution of effective stress in compaction of earth dams due to the three-sided impact roller and comparing with four-sided roller field data. *International Journal of Research and Reviews in Applied Sciences*, 21 (3):114-124.
- [13] **Ebrahim Nohani**, Sina Shirmohammadi. 2015. Comparison of Discrete and Smeared Cracks in the Dynamic Analysis of Concrete Gravity Dam. *International Journal for Research in Applied Science & Engineering Technology*, 3(1):195-201.
- [14] **Ebrahim Nohani**, Sohrab Nasrolahi. 2014. Comparison of Spillway with Floor Ramp and Duct in Wall with Spillway with Floor Ramp and Ramps in Walls on Factors Affecting Cavitation. *Adv. Environ. Biol.*, 8(21): 1196-1201.
- [15] Sajad Nouri, **Ebrahim Nohani**. 2014. Numerical Study of Flow Patterns in Lateral Intakes Upstream and Downstream (Case Study: Gotvand Diversion Dam). *Adv. Environ. Biol.*, 8(21): 1202-1208.
- [16] **Ebrahim Nohani**. 2015. The Effect of Collar on the Size of Proper Riprap Cover around the Cylindrical Bridge Piers in the Rivers Bend. *Indian Journal of Science and Technology*, 8(2): 185-190.
- [17] **Ebrahim Nohani**, Sohrab Nasrolahi. 2014. NUMERICAL INVESTIGATION OF THE EFFECT OF RAMP ON THE FLOOR AND DUCT IN THE FREE SPILLWAY WALLS ON FLOW AERATION. *Indian Journal of Fundamental and Applied Life Sciences*, 4(S4): 3626-3632.
- [18] Ali Bagheri, **Ebrahim Nohani**. 2014. IMPACT OF MAKING THE CREST OF WEIR MULTIFACETED ON DISCHARGE COEFFICIENT OF MORNING GLORY SPILLWAY. *Indian Journal of Fundamental and Applied Life Sciences*, 4 (S4): 3633-3639.
- [19] Reza Jamali emangheis, **Ebrahim Nohani**. 2014. Review of the Efficiency of Shaft Spillway Discharge Influenced by Sharp Triangular Vortex Breaker Blades with Rectangular Body. *Adv. Environ. Biol.*, 8(25): 285-289.
- [20] Rouholah Alipour, **Ebrahim Nohani**. 2014. Flow Simulation in the Orifice and Weir Fishways (Case Study: Diversion Dam of Karkhe). *Adv. Environ. Biol.*, 8(25): 370-374.
- [21] Ezatolah Alimakan, **Ebrahim Nohani**. 2015. Using the particle swarm algorithm in the coarse-aggregate medium to optimize the coefficients a, b of Forchheimer equation. *WALIA journal* 31(S4): 44-52.
- [22] Amir Ali Akbari, **Ebrahim Nohani** and Ali Afrous. 2015. Numerical Study of the Effect of Anti-Vortex Plates On the Inflow Pattern in Shaft Spillways. *Indian Journal of Fundamental and Applied Life Sciences*, 5(S1):3819-3826.
- [23] **Ebrahim Nohani**. 2015. Simulation and Estimation of Effective Discharge of Annual Flood (Case Study: Jarahi River, Khuzestan, Iran). *International Journal Of Technology Enhancements And Emerging Engineering Research*, 3(03): 48-51.
- [24] **Ebrahim Nohani**, Amin Mohebizadeh. 2015. Impact of anti-vortex blade position on discharge experimental study on the coefficient of morning glory spillway. *Journal of Scientific Research and Development*, 2 (7): 291-295.
- [25] **Ebrahim Nohani**. 2015. Laboratory evaluation of the effect of anti-vortex blades' length on discharge coefficient of shaft spillway. *Trends in Life Sciences*, 4 (2):150-155.
- [26] **Ebrahim Nohani**, Ali Afrous. 2015. Predicting sedimentation process in dam reservoir using mathematical model. *Journal of Scientific Research and Development*, 2 (7): 285-290.
- [27] **Ebrahim Nohani**. 2015. Numerical Study of Turbulence and Flow Velocity In The Orifice And Weir Fishway With Fluent. *Trends in Life Sciences*, 4 (2):156-159.
- [28] **Ebrahim Nohani**, Saeed Taheri Ghannad. 2015. Experimental investigation the impact of collar installation on the Cylindrical Bridge Piers in the Rivers Bend. *Journal of Scientific Research and Development*, 2 (7): 322-325.
- [29] **Ebrahim Nohani**. 2015. Comparing and Estimating the Manning Roughness Coefficient in Rivers Using Experimental and Direct Methods. *GMP Review*, 16(5):301-303.
- [30] **Ebrahim Nohani**, Heshmatolah Mirzaei. 2015. Numerical Analysis of Density Rate by Trihedral Roller in Embankment Dams. *International Journal of Life Sciences*, 9(4): 21-24.
- [31] **Ebrahim Nohani**. 2015. Forecasting Monthly and Annual Flow Rate of Jarrahi River using Stochastic Model. *Biological Forum*, 7(1): 1205-1210.
- [32] **Ebrahim Nohani**. 2015. Numerical Comparison of the Effect of Soil Moisture Percentage on Performance of Impact and Vibratory Rollers. *IJBPAS*, 4(6): 4282-4288.
- [33] Rooholah Mansoori yekta, Hamid kaykhah and **Ebrahim Nohani**. 2015. Evaluation of potential corrosion and fouling drinking water distribution network in Andimeshk city using indicators of Langelierand and Ryznar (Case study: Andimeshk city). *GMP Review*, 16(5):306-309.
- [34] **Ebrahim Nohani**, Ezatolah Alimakan. 2015. The Effect of Nanoparticles on Geotechnical Properties of Clay. *International Journal of Life Sciences*, 9(4): 25-27.

- [35] **Ebrahim Nohani**. 2015. The impact of sand and gravel mines on rivers morphology. GMP Review, 16(5):308-314.
- [36] **Ebrahim Nohani**. 2015. Study the effect of soil boundary conditions on the body Stresses of concrete gravity dams. IJBPAS, 4(6): 4268-4276.
- [37] **Ebrahim Nohani**. 2015. Numerical Simulation of the Flow Pattern on Morning Glory Spillways. International Journal of Life Sciences, 9(4): 28-3.
- [38] **Ebrahim Nohani**. 2015. Study The Factors Influencing The Lack Of Appropriate Functioning Of Fish Way Structure And Providing Improvement Strategies. Science International-Lahore, 27(3): 1945-1949.
- [39] **Ebrahim Nohani**. 2015. Numerical Simulation of the Flow Pattern around the Spur Dike at a 90-Degree Bend of the River. IJBPAS, 4(6): 4277-4281.
- [40] Hossein Joolaeian, **Ebrahim Nohani**. 2015. Assessment of Scour Phenomena in the Weirs' Downstream and Ways to Retrofit and Reduce Scour. International Journal of Civil and Structural Engineering Research, 3(1): 141-145.
- [41] **Ebrahim Nohani**. 2015. Laboratory Investigation of Downstream Submergence of Shaft Spillway on Discharge Efficiency. Science International-Lahore, 27(3): 2301-2303.
- [42] **Ebrahim Nohani**. 2015. An experimental study on the effect of vortex breakers thickness on discharge efficiency for the shaft spillways. Science International-Lahore, 27(3): 2295-2299.
- [43] **Ebrahim Nohani**, Sohrab Mirazizi. 2015. Importance And Role Of Underground Dams In The Management Of Country's Water Resources. International Journal of Innovative Research in Engineering & Science, 4(5): 36-40.

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Reviewer and Advisory Board in several international and ISI journals:

Indian Journal Of Science And Technology

World Applied Sciences Journal

Scientific Research and Essays

International Journal of Soft Computing and Engineering.

International Journal of Engineering and Advanced Technology.

International Journal of Recent Technology and Engineering.

Appointed as a member of 'Editorial Board' for all affiliated Journals of:

Blue Eyes Intelligence Engineering & Sciences Publication.

[International Journal of Basic Sciences and Applied Computing.](#)

[International Journal of Management and Humanities.](#)

[Journal Of Applied Environmental And Biological Sciences.](#)

Editorial Board Member in [Research Publish Journals.](#)

International Scientific Committee and Editorial Board on Civil and Environmental Engineering ([International Science Index](#)).

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***National conference papers (in Iran):* more than 200 papers**

***Research Projects:* 17 projects**

***Supervisor for M. Sc. Students:* 35**

***Advisor for M. Sc. Students:* 38**