Seyed Ata Amini

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Name: Seyed Ata Amini
IC No: I1212081
Date of birth: 1973 – 03 – 21.
Place of birth: Kurdistan, Iran
Sex: Male.
Marriage situate: Marriage (one kid)
Nationality : Iranian

Academic Training:

1. B. Sc. Agriculture Engineering (Irrigation) on 1 June 1997, Technology University of Isfahan, IRAN.
2. M.Sc. Civil Engineering (Water Engineering emphasis on Hydraulic and Hydrology). On 05. 05. 2001, Tarbiat Modaress University (TMU), Tehran, IRAN.
Project: Sediment Hydraulic in Gravel-Bed Rivers (one year)
Thesis: Experimental and Field Study on Mining-Pit Migration at Rivers (Two Years)
3. PH.D: Water Resources Engineering, UPM University, Kuala Lumpur, Malaysia (January 2010).
Thesis: Physical Modeling on Local Scour at Complex Piers

Interested area:

Hydraulics; Sediment; Scour; physical and numerical modeling
Hydrology; watershed management; climate change

Publications

A. Journal Papers:

1. Local Scour at Complex Piers including an Evaluation of the Method of Superposition of Scour at Pier Components, Canadian Journal of Civil Engineering, (under revision)
2. “Clearwater Local Scour around Pile Groups”, Journal of Hydraulic Engineering, ASCE, (Accepted)
3. “A local scour prediction method for pile cap in complex piers”, Journal of ICE-water management, Volume 164, issue WM1. 2011.
4. “Adjustment of Peak Streamflows of a Tropical River for Urbanisation”, American Journal of Environmental Sciences, 5(3):285-294, 2009.

5. “Impacts of Land Use Change on Streamflow Generation in Damansara Watershed, Malaysia” Arabian Journal of Environmental Sciences (Completed Accept). “Experimental and field study on mining–pit migration” International Journal of Sediment Research, vol. 17, No.4, 2002, PP. 323 – 331.

B. Conference Presentation:

1. “Multiple Span Integral Bridge Scour Phenomenon”, EWRI International Conference Jan 5-7, 2010 - Chennai, India
2. “Local Scour at Integral Bridges with Single and Double Row Piles in a Two-Stage Channel”, 32nd Hydrology and Water Resources Symposium, 9 October 2009, Newcastle, Australia.
3. “Semi-Integral Bridge Scour Prevention by using Epipremnum aureum”, 32nd Hydrology and Water Resources Symposium, 9 October 2009, Newcastle, Australia
4. "Field study on changes in the mining pit-migration in river” International Conference on Hydraulic Structure. Kerman, 1&2 may 2001, Iran
5. "Experimental study on the effect of length and depth of mining–pit migration”. Iranian National Committee on Irrigation and Drainage (IRNCID), July 2001, Iran

BOOK

1. Fluid Mechanics, 2010, sashwa publication (in Persian)

Experiences:

1. Lecturer at the Engineering Faculty of Islamic Azad University, Sanandaj Branch, since 2002.
2. Working with Organization of Agricultural Crusade in Kurdistan Province
3. in the field of supervising projects of water conveyance and supply as well as other construction project since 29–04–1999 (Eight years).
4. Working with organization of Engineering Agriculture and Natural Resources in Kurdistan province as the secretary since 03–12–2002 up to 01.01.2007
5. Research leader in Hydraulic Laboratory of National Hydraulic Research Institute of Malaysia (NAHRIM) from 1.02.2008 to 1.03.2009
6. Teaching water engineering softwares (HEC-RAS and HEC-HMS) in National Hydraulic Research Institute in Malaysia (NAHRIM), and University Putra Malaysia.
7. Research assistant fellow in university Putra Malaysia during the PhD research (2006-2009).
8. Researcher in Agricultural and Natural Resources Research Center of Kurdistan, Iran, Since Jan 2010.

It should be noted that for experiences number 3, 4, 5 and 6, I have been awarded.

Training course:

I have successfully completed eight training courses on water and civil engineering equal to about 300 hours.

Skills:

- Excellent in Hydraulic, Hydrology, Mathematics, Statistics, physical models, Numerical models and field researches.

- Software Ability: Microsoft office, HEC-RAS, HEC-HMS, SPSS, and familiar with Mike pack and GIS (ArcGIS).

Referees

1. Prof. Bruce Melville, FRSNZ, Professor and Head of Department, Department of Civil and Environmental Engineering, The University of Auckland, Private Bag 92019, Auckland 1142 , New Zealand, Ph: 64 9 373 7599 ext 88165. E-mail:b.melville@auckland.ac.nz
2. Assoc. Prof. Dr. Thamer Ahmad Mohammad, Department of Civil Engineering, Faculty of Engineering, Universiti Putra Malaysia, Malaysia. Tel:+603-89466352, Mobile: +601-96406988. E-mail: thamer@eng.upm.edu.my
3. Assoc. Prof. Dr. Abdul Halim Ghazali , Department of Civil Engineering, Faculty of Engineering, Universiti Putra Malaysia, Malaysia. Tel:+603-89466382, Mobile: +601-26936140. E-mail: abdhalim@eng.upm.edu.my

References

Available upon request