Format of Curriculum vitae

1. Family name: Abuiziah

2. First names: Itissam

3. Date of birth: 12/26/1981

4. Nationality: Palestinian

5. Civil status: Married

6. Education:

Ph.D in Hydraulic, Water resources Management and infrastructure engineering, Master Degree on Land and Water Resource Management and Bachelor Degree of Civil engineering (Surveying and Geomatics branch )

|  |  |
| --- | --- |
| Institution[ Date from - Date to ] | Degree(s) or Diploma(s) obtained: |
| Institut Agronomique et Vétérianire Hassan II - Rabat (Morocco) | Ph.D. in Hydraulic, Water resources Management and infrastructure engineering, 2014 |
| Mediterranean Agronomic Institute of Bari (Italy) | Master of Science in Land and Water resources Management, 2010 |
| Palestine Polytechnic University - Hebron (Palastine) | Bachelor of Science in Civil Engineering (Surveying and Geomatics branch), 2005 |

7. Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

|  |  |  |  |
| --- | --- | --- | --- |
| Language | Reading | Speaking | Writing |
| Arabic | 1 | 1 | 1 |
| English | 1 | 2 | 1 |
|  |  |  |  |

8. Membership of professional bodies:

* [Jordan Engineers Association](https://www.facebook.com/ETCJEA/)
* International Science Index: International Scientific Committee and Editorial Board on Geomatics and Civil Engineering
* [International Scientific Committees and Editorial Review Boards Membership](https://waset.org/profile/membership)
* American Journal of Science, Engineering and Technology, [International Scientific Committees and Editorial Review Boards Membership](https://waset.org/profile/membership)
* Advances in Science, Technology and Engineering Systems Journal, [International Scientific Committees and Editorial Review Boards Membership](https://waset.org/profile/membership)

9. Other skills: (e.g. Computer literacy, etc.)

AutoCAD drawing, Land Desktop Civil 3d, GIS, Hytran, Implus, EPANET, WaterCAD, SewerCAD, StormCAD, HAMMER, AQUACROP and AGNPS.

10. Key qualifications: (Relevant to the project)

|  |
| --- |
| Doctor in Civil Engineering with over 15 years of experience in infrastructure projects. Managing, planning, supervised and inspected projects of diverse complexity in Palestine and Morocco in addition to teaching experience in Palestine Polytechnic University, Moroccan university for engineering science and Palestinian engineering association  |

11. Specific experience in the region:

|  |  |
| --- | --- |
| Country | Date from - Date to |
| Palestine | APR 2015 – Till Now |
| Morocco  | NOV 2012 – MAR 2015 |
| Italy | NOV 2008 – OCT 2010 |
| Palestine | JUN 2005 – OCT 2008 |

12. Professional experience ( Give more details to the relevant experience )

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date from - Date to | Location | Company | Position | Description |
| 07/06/2015 – Up now | Hebron/ Palestine | Palestine Polytechnic University - Department of Civil and Architectural Engineering | Professor assistance  | ‘’I teach the courses of Civil 3D, Hydrology, Hydraulic, Design of wastewater treatment Plants, Sanitary engineering, Fluid Mechanics, GIS, Building Construction, Engineering Ethics, Survey I&2, Advance survey, Highway engineering and transportation system’ |
| APR 2015 – MAY 2018 | Bethlehem – Palestine | Madanat Contracting Company | Infrastructure (hydraulic and drainage) engineer | **Activities performed:**- Storm water design for SOS road in Bethelhen**.**- Storm water design for Somra road in Hebron**.**- Design of Storm water collection system (Wadi Abu Helal-Dura) - Hydrological (Flood risk) analysis for South and-north sewage pumping stations in Bethlehem (StormCAD and Civil 3d). - Hydraulic analysis for the water network and its integrity (WaterCAD, SewerCAD and HammerCAD)- Mechanical mapping- GIS integration- Test and validation |
| OCT 2014 – MAR 2015 | Rabat – Morocco  | Moroccan university for engineering science | Professor | Teaching the courses of drinking water, sewage and drainage systems |
| NOV 2012 – JUN 2013 | Rabat – Morocco | USAID's Morocco Economic Competitiveness (MEC) program | Team assistant engineer | **Main project features**: USAID's Morocco Economic Competitiveness (MEC) program uses text messages to relay crop-specific irrigation guidance from local weather stations to farmers' mobile phones.**Activities performed:** Field measurementsGIS integrationTest measurementsQuality control |
| NOV 2008 – OCT 2010 | Bari – Italy | Bari university and IAMB institute | Programmer/researcher | **Main project features:** Modeling soil erosion and sediment transport under different land management options in a semi-arid watershed of southern Italy **Activities performed:** * programming
* algorithm developer
* Field measurements
* GIS integration
* Test measurements
* quality control
 |
| JAN 2008 – OCT 2008 | Bethlehem – Palestine | Cadastral Surveying of Bethlehem | Office Engineer | **Main project features:** the project main task is to apply cadastral surveying for Bethlehem city. This includes field surveying, preparing maps and property assignments.**Activities performed**: * field surveying
* mapping
* quality control
 |
| JUN 2005 – DEC 2007 | Hebron – Palestine | Arab Brothers Company (ABC) | Infrastructure (hydraulic and Surveying) engineer | **Name of assignments or projects**: Construction of Kufr El Deek-Bruqin water Transmission Pipeline.Construction of Kharas internal drinking Water Network.Construction of Kharas reservoir..Construction of Halhul — Kharas- Nuba Main Transmission water ductile pipe line.**Main project features: T**he projects in support of the Palestinian Water Authority policy to improve and develop of water sector infrastructure**Activities performed:** * measurements planning
* quality control
* Shop drawing
 |

13. Other relevant information (eg, Publications

**Journal Articles**

**Abuiziah I**., Bisantino T., Gentile F., Trisorio Liuzzi G. (2013). Modeling soil erosion and sediment transport under different land management options in a southern Italy watershed. International Journal of Safety and Security Engineering. Volume 3 (2013), Issue 2, Pages 116 - 127

**Abuiziah** I (2013) Modeling and Controlling Flow Transient in Pipeline Systems: Applied for Reservoir and Pump Systems Combined with Simple Surge Tank. Revue Marocaine des Sciences Agronomiques et Vétérinaires, 1:3. <http://agrimaroc.org/index.php/Actes_IAVH2/article/view/317>

**Abuiziah I**. Oulhaj A, Sebari K, Ouazar D (2013) Simulating Flow Transientsin Conveying Pipeline Systems by Rigid Column and Full Elastic Methods: Pump Combined with Air Chamber. International Journal of Mechanical, Industrial Science and Engineering 7:12: pp 46-52. <http://waset.org/publications/9996593/simulating-flow-transients-in-conveying-pipeline-systems-by-rigid-column-and-full-elastic-methods-pump-combined-with-air-chamber>

**Abuiziah I**. Oulhaj A, Sebari K, Ouazar D, Anas A. S (2013) Study on Status and Development of Hydraulic System Protection: Pump Combined With Air Chamber. International Journal of Civil, Architectural Science and Engineering 7:11: pp 399-403..http://waset.org/publications/9997282/study-on-status-and development-of-hydraulic-system-protection-pump-combined-with-air-chamber

**Abuiziah I**. Oulhaj A, Sebari K, Ouazar D (2013) Controlling Transient Flow in Pipeline Systems by Desurging Tank with Automatic Air Control. International Journal of Physical, Natural Science and Engineering 7:12, pp 334-340.http://waset.org/publications/9997299/controlling-transient-flow-in-pipeline-systems-by-desurging-tank-with-automatic-air-control

**Abuiziah I**. Oulhaj A, Sebari K, Ouazar D (2013) Sizing the Protection Devices to Control Water Hammer Damage. International Journal of Civil, Architectural Science and Engineering 7:11: pp 415-420. <http://waset.org/publications/9997283/sizing-the-protection-devices-to-control-water-hammer-damage->

**Abuiziah I**, Shakarneh N (2013) A Review of Genetic Algorithm Optimization: Operations and Applications to Water Pipeline Systems. International Journal of Physical, Natural Science and Engineering 7:12: pp 341-347. <http://waset.org/publications/9997300/a-review-of-genetic-algorithm-optimization-operations-and-applications-to-water-pipeline-systems>

**Abuiziah I**. Oulhaj A, Sebari K, Ouazar D (2014) Comparative Study on Status and Development of Transient Flow Analysis Including Simple Surge Tank. International Journal of Civil, Architectural Science and Engineering 8:2: pp 106-115. http://waset.org/publications/9997729/comparative-study-on-status-and-development-of-transient-flow-analysis-including-simple-surge-tank

**Conferences Articles**

**Abuiziah I**., Bisantino T., Gentile F., Trisorio Liuzzi G. (2012). Modeling soil erosion and sediment transport under different land management options in a southern Italy watershed. WIT Transactions on Engineering Sciences, Vol. 73, pp. 113-123. Doi: 10.2495/DEB 120101

**Abuiziah I**, Oulhaj A, Anas A. S, Shakarneh N (2013) Modeling and Controlling Flow Transient in Pipeline Systems: Applied for Reservoir and Pump Systems Combined with Simple Surge Tank. International conference on Sustainable Water Use for Securing Food Production in the Mediterranean Region under Changing Climate Agadir, Morocco, 10–15 March, 2013 Agadir, Morocco, 10–15 March, 2013: Published in the proceeding book.

**Abuiziah I.** Oulhaj A, Sebari K, Ouazar D, Anas A. S (2013) Modeling and Simulating Flow Transient in Pipeline Systems: Pump Combined with Closed Surge Tank. The ICHP 2013 - International Conference on Hydraulics and Pneumatics held in Dubai, UAE, December 02-03, 2013.

**Abuiziah I**, Shakarneh N (2013) A review of genetic algorithm optimization-operations and application to water pipeline systems. International conference & exhibition on water, wastewater & isotope hydrology, Janana Jyothi Auditorium, Central College Campus, Bangalore University, Bangalore, Karnataka, India, July 25th – 27th 2013: pp 7-14. Published in the proceeding book.