

CURRICULUM VITAE

Name: ***Abbas Abdulrahman***
Date of birth: 16.04.1963
Marital status: Married
Children: 3 children
Nationality: Syrian
Education: 1985 B.Sc. in Civil Engineering, Tishreen University, Lattakia, Syria.
1993 Ph.D.in Technical Sciences. Moscow State University of Civil Engineering, USSR.
Languages: Arabic (mother tongue), English, Russian.
Position: Associate professor, Water Engineering and Irrigation Department, Faculty of Civil Engineering, Tishreen University.
Head of Lattakia Branch of Syrian Computer Society, 2011 -2017.
Head of Hydraulic laboratory, faculty of civil engineering, Tishreen University.2004-2006
Construction Manager in Lattakia Port Company 2003-2004.
Membership: Syrian Computer Society, Head of Lattakia Branch
Order of Syrian Engineers

Teaching, Scientific and Technical experience

Lecturer at Tishreen University, Lattakia, Syria:

- Course “Design and Construction of Engineering Structures” for Civil Engineering students. 1994 - 1998
- Courses Hydraulic (3rd & 4th courses) for civil engineering undergraduate students. 1996 – Present time.
- Postgraduate courses in Water Engineering: Advanced hydraulic & Water Supply Networks. 2010 – Present time.

Supervising postgraduate theses:

- Master Degree thesis: “Supplying Small Communities with Drink Water from Dam Reservoirs”. By Eng. Jalal Kamel Jdeed, 1999. Tishreen University.
- Ph.D. Degree thesis: “The hydrogeological changes and the development and rationalizing exploitation of groundwater resources between AL-Kabeer AL-janoubi and AL-Abrash rivers”. By Eng. AlHayek Sharif, 2004. Tishreen University.
- Master Degree thesis: “determining runoff coefficients for Aljilani Watershed in Jableh Region Using GIS & WMS techniques”. By Eng. Majd Hafez Haifa, 2009. Tishreen University.
- Master Degree thesis: “Contribution in Estimating Algorithm for Some Weighted Factors for choosing the Optimum Road Path Using GIS”. By Eng. Nawras Khalil, 2010. Tishreen University.
- Master Degree thesis: “Optimization of Water Distribution Systems Using Genetic Algorithms”. By Eng. Husein Khalifeh, 2012. Tishreen University.
- Supervisor of study for ***Ph.D Degree thesis***: “Create Relationship for Estimating Maximum Discharge in Al-Kabeer Al-Shamaly River Basin”. By Eng. Majd ***Hafez Haifa***, 2014. Tishreen University.

Published Papers and conferences:

1. Alasaad A, Abdulrahman A, Hayek Sh, 2004: *The Groundwater Resources in the AKKAR Plain*, Tishreen University Journal for Research and Scientific Studies -Engineering Sciences Series Vol. (26) No. (1).
2. Hanna R, Abdulrahman A, Khalil N. 2010: *Contribution in Estimating Algorithm for Some Weighting Factors for Choosing the Optimum Road Path Using GIS*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (32) No. (1), pp. 241 - 259
3. Abbas Abdulrahman: *A Viewpoint About Extending Lattakia Port*, First International Forum on Maritime Transport in Syria, 11 dec 2010
4. Alasaad A, Abdulrahman A, 2012: *Estimating of Groundwater Resources at Euphrates Low Valley-3rd Sector*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (34) No. (1) pp. 9 - 27
5. Abdulrahman A, Khalifeh H., 2012: *Optimization of Drinking Water Distribution Systems Using Genetic Algorithms*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (34) No. (4), pp. 155 - 173
6. Ammar Gh Abdulrahman A. Haifa M, 2012: *Behavior of Rainfall in Al-Kabeer Al-Shamali Basin*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (34) No. (4), pp. 143-143
7. Ammar Gh Abdulrahman A. Salman J. 2012: *Prediction of Maximum Pressure Values in the First Part of Second Pipeline in Tartous Rural During Water Hammer Occurrences Using WaterCAD Software*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (34) No. (4), Pp 123 - 138
8. Hayek SH., Abdulrahman A, 2012: *Assessment of the Hydrogeological conditions in the 7th Sector of the Lower Euphrates Basin* – Syria, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (34) No. (6) pp. 9 - 27
9. Ammar Gh Abdulrahman A. Haifa M, 2012: *Estimating different duration maximum rainfall contours in Al-Kabir Al-Shamali Basin*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (34) No. (6) 2012, pp. 164-177
10. Ammar Gh, Alasaad A, Abdulrahman A, Hayek Sh, 2013: *Impact of Climate Changes on the Discharges Of AL-KABEER AL-SHEMALE River*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (35) No. (3) pp. 9 - 22
11. Abdulrahman A, Ammar Gh, Khaddour R, 2013: *Prediction of Unconfined Groundwater Isoline Map Using Spatial Statistical Methods in Jableh Plain-LATAKIA*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (35) No. (7). Pp. 303 - 318
12. Abdulrahman A, 2013: *Assessment of Digital Elevation Model Resolution for Watershed Delineation Studies of Riparian Rivers*, Tishreen University Journal for Research and Scientific Studies - Engineering Sciences Series Vol. (35) No. (9) pp. 21 - 40
13. Ammar Gh, ABDULRAHMAN A. Hayfa M., 2013: *“Estimation time of concentration in ALKABER AL-SHAMALY subbasins”*, AlBaath University Journal for Engineering Sciences Vol. (35) No. (12) 2013 Pp163-180
14. Abbas Abdulrahman: *“Implementing Evapotranspiration Calculating tool to Produce Spatial Distribution Maps of ET0 in Syrian Coast Region Using GIS”*, The 1st International Conference on Civil Engineering “Toward reconstruction and sustainable development” SYRIA – August 2014
15. Abbas Abdulrahman Hadi Kherbeik: *“Studying the Most Important Appraisal Factors Affecting Real Estate Market in Jableh City”*, The 1st International Conference on Civil Engineering “Toward reconstruction and sustainable development” SYRIA – August 2014
16. Abbas Abdulrahman, Fadi Rahmeh: *“Digital Coded Map of Lattakia City”*, SCS Symposium "IT in Urban and Regional Management" Lattakia, 2005.

- *Expert in water modeling software such as WaterGEMs, SewerGEMs, StormCAD, GMS (Groundwater Modeling System), WMS (Watershed Modeling System).*
- *GIS Professional (ArcGIS,ArcMap) and various GNSS software (Windows & Android).*
- *Good Knowledge of QGIS.*
- *Experienced Office software user (Excel, Word, Access, Publisher, PowerPoint).*
- *Experienced user of AutoCAD. Adobe Photoshop.*
- *Tutor of GIS courses in Syrian Computer Society – Lattakia.*
- *Organizing the Annual Exhibition “It in Engineering World” Syrian Computer society in cooperation with Tishreen University, Lattakia, Years 2014, 2015, 2016*

Professional Expertise:

- *Designing GeoDatabase (GIS) for Tishreen University /2002/*
- *Audit of Bassit Marina study– Syria. 2003*
- *Audit of Jable Marina study– Syria. 2004*
- *Audit of study for Student Campus in Tishreen University – Syria. 2004*
- *Designing Shore Protection Structures at Latakia coast – Syria. 2003*
- *Designing Shore Protection Structures at Tartous coast - Syria. 2003*
- *Designing administrative Building for Syrian Oil Transport Co.2005*
- *Designing The “Digital Coded Map” of Latakia City / Latakia Municipality.2005*
- *Designing Drainage Network for Syrian Oil Transport Co.2005*
- *GIS Expert in Lattakia Regional Planning Project for the behalf of Decision Support Directorate in Lattakia City. 2008.*
- *Designing and archiving potable water network in Tartous city- Syria. 2011*
- *Designing and implementing mathematical model for evaluating and ground water behavior at Euphrates Plain. GCAT Co. Syria. 2011*
- *Designing Water Irrigation Network at Euphrates Plain. GCAT Co. Syria. 2011.*
- *Designing Waste Water, Rain Water Network for AlRazi Neighborhood (Marota City), Damascus, Syria. 2016.*
- *Designing Potable Water, Fire and Irrigation Networks for AlRazi Neighborhood (Marota City), Damascus, Syria. 2016.*

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