

C. V. Of prof. Dr. Weal Ibrahim Dayoub

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Email: wadayoub2@gmail.com

Phone: (+963) 966308763

Address:

DEPARTMENT OF TOPOGRAPHIC ENGINEERING
FACULTY OF CIVIL ENGINEERING
TISHREEN UNIVERSITY
LATTAKIA – SYRIA



Biography

Wael Dayoub: was born in Kafat village of Hama City in Syria, 20/8/ 1966 . From december 1989 to december 1993, he worked in Ministry of Construction (Tishreen Dam Project. Since december 1993 up till now he is a full time member of Department of Topographic Engineering - Faculty of Civil - Engineering – Tishreen University - Lattakia – Syria.

From September 2015 up till now he is the head of Topographic Engineering Department.\

2012, Associated professor in surveying and geodesy.

2018 professor in surveying and geodesy.

Education

- **1989, B.Sc.** in Civil Engineering, Aleppo University, Aleppo, Syria.
- **1997, M.Sc.** in Surveying and Geodesy, Alexandria University, Egypt.

Prof. *Mahmoud H. Abdel-Rahiem*, from Alexandria University was the main supervisor of his Master titled:

" Adjustment And Accuracy Requirements Of EDM Observations ".

- **2001, Ph.D.** in Surveying and Geodesy, Alexandria University, Egypt.

Prof. *Mahmoud H. Abdel-Rahiem*, from Alexandria University was the main supervisor of his Ph.D thesis titled:

" Assessment Of Different Spatial Data Sources And Their Integration In A GIS".

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Publication

Papers:

- 1) **“ Effect Of atmospheric Conditions On Electromagnetic Distance Measurements “**, 1999, Alexandria Engineering Journal, Vol. 38, No. 4, July, Egypt.
- 2) **“ Towards Better Positional Accuracy Of Satellite Imagery For Mapping Purpose “**, 2000, 3Th International conference on Role of Engineering towards Better Environment, Alexandria, Egypt, 18-20 November.
- 3) **“ Potential Of Remote Sensing For Surveying And Land-Cover Mapping “**, 2001, 4Th International conference on Structural and Geotechnical Engineering, Alexandria, Egypt, 2-4 April.
- 4) **"Derivation Of Transformation Parameters Between WGS84 and Local Datum In Syria"**, 2008, Research Journal of Tishreen University, Engineering Science Series.
- 5) **" Development A Program For Calculating The Volume In Curves Using The Finite Element Method"**, 2009, Research Journal of Tishreen University, Engineering Science Series.
- 6) **" Optimum Representation of Surfaces Using GIS Softwares"**, 2010, Research Journal of Aleppo University, Engineering Science Series.
- 7) **" Accuracy Analysis of Maps Produced from Satellite Image with High Spatial Resolution"**, 2012, Research Journal of Tishreen University, Engineering Science Series.
- 8) **"Development of A Program For Calculating The horizontal deformations of dams using geodetic measurements"**, 2016, Research Journal of Tishreen University, Engineering Science Series.
- 9) **"Analyzing 2D Transforming The Global Coordinates Measured By GNSS To The Syrian Local Coordinates"**, 2016, Research Journal of Tishreen University, Engineering Science Series. Vol.(38) No (5).
- 10) **"Edge Matching of Cadastral Sheets"**, 2011, Research Journal of Aleppo University, Engineering Science Series.
- 11) **" Contributing in Programming Land Subdivision"**, 2016, Research Journal of Tishreen University, Engineering Science Series. Vol.(38) No (1).
- 12) **" Evaluation of free photogrammetric software and its use in 3D data extraction"**, 2016, Research Journal of Tishreen University, Engineering Science Series. Vol.(38) No (3)
- 13) **" Integration Between Tourist Data and GIS To Determine The Tourist Routine(Application Study On Tartous)"**, 2017, Research Journal of Tishreen University, Engineering Science Series. Vol.(38) No (6).
- 14) **" Evaluation of the impact of digital terrain model's density on the accuracy of aerial photos ortho rectification"**, 2017, Research Journal of Tishreen University, Engineering Science Series. Vol.(39) No (2)
- 15) **" Proposition of a methodology to choice the appropriate empirical for geometric correction of satellite images"**, 2017, Research Journal of Tishreen University, Engineering Science Series. Vol.(39) No (5).

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16) " Cartographic Potential of QUICKBIRD images", 2017, Research Journal of Tishreen University, Engineering Science Series. Vol.(39) No (6)

Books:

- 1- Surveying Engineering(I)**, 2011, Tishreen University,
- 2- Astronomy**, 2017, Tishreen University,

Courses Taught

- 1-Surveying Engineering (I)**, Fourth year, Department Of Topographic Engineering, Faculty of Civil Engineering, Tishreen University, 2001-Present.
- 2-Photogrammetry**, Fourth year, Department of Soil, Faculty of Agriculture, Tishreen University, 2002 – 2005.
- 3-Surveying (II)**, Second year, Department of irrigation, Faculty of Civil Engineering, Tishreen University, 2003-2007.
- 4-Geodesy(II)**, Fourth year, Department Of Topographic Engineering, Faculty of Civil Engineering, Tishreen University, 2005.
- 5-Astronomy**, Fifth year, Department Of Topographic Engineering, Faculty of Civil Engineering, Tishreen University, 2008-Present.
- 6-Remote Sensing**, First Year in Master, Department Of Topographic Engineering, Faculty of Civil Engineering, Tishreen University, 2008-Present.
- 7-Advanced Geographic Information System**, First Year in Master, Department Of Topographic Engineering, Faculty of Civil Engineering, Aleppo University, 2008–2011.

Work Experience :

Verification of Topographic Study & Plans for 2nd Line of Potable Water Project from Alsin River to Lattakia, Lattakia Syria

Computer Proficiency

- 1. Programming Languages:** Basic, Fortran. Matlab.
- 2. Packages:** (Microsoft Office, Autocad, Autocad Land Development, ArcGIS, Surfer).

Language

English: Good in writing and speaking