



Iyad ABBAS

Dr.Eng in civil engineering

Specialty: Geographic Information System(GIS)
PhD in GIS (France)

Assistant Professor
at Topographic Engineering Department,
Civil Engineering Faculty,
Tishreen University , Lattakia-Syria

Personal information

Sex	M / Married	Email-1	iyadabbas@gmail.com
Date of birth	1960	Nationality	syrian
Adress	Latakia Kirsana.	Driving Licence	B
Nationality	syrian	Telephone/ Mobile	+963 933256644

Academic qualifications

1994	<p>Doctoral thesis:</p> <p>“A new method to defining positioning accuracy of a Geographical Data Base within GIS Using Housdorff distance between lines instead of Euclidean Distance between points”.<i>(published in French)</i></p> <p>University of Paris VII cooperating with IGN (1' Institute Geographique National) Paris, France.</p>
1988	<p>DEA (Diploma d'Etudes Approfondies) equivalent Master's degree</p> <p>Dynamics of Maritime and Territorial Structures in Civil Engineering. Ecole Centrale de Nantes. Nantes, France: Six months was spent on developing topographic programs in the ITI enterprise (International Topography Engineering) DTM of irregular grid points by the Delauni method of triangulation. Civil engineering, Dynamic of structures, Mathematics, statistics.</p> <p>Ecole Centrale de Nante</p>
1986-1987	<p>Certificate Learning the French language - CAVILAM de Vichy - France</p>
1977-1982	<p>BSc in Civil Engineering.</p> <p>Damascus University, Faculty of civil Engineering.</p>



Academic Experience and Training

Dates	1996 – Present
Occupation or position held	Lecturer (member of teaching board).
Main activities and responsibilities	Lecturing: GIS, numerical analysis, computer programming, photogrammetry, and cartography.
Name and address of employer	Tishreen University, Lattakia, Syria
Type of business or sector	Higher Education (governmental organization)
Dates	2004 – 2005
Occupation or position held	Professor
Main activities and responsibilities	Lecturing GIS, computer sciences, Algorithmic, Visual Basic and C++ Languages.
Name and address of employer	Lebanese University- ISAE (Institute of Applied Sciences), (Ecole supérieur des Géomètre et Topographes) ESGT – Beirut, Lebanon
Type of business or sector	Higher Education (governmental organization)
Dates	5/1/2005- 27/1/2005
Occupation or position held	Visiting Lecturer.
Main activities and responsibilities	Lecturing GIS ESGT (15 days), Visiting IGN France (5 Days), Visiting Glamorgan University England (2 Days)
Name and address of employer	ESGT, Le Mans France, Glamorgan University England, IGN Paris
Type of business or sector	Higher Education (Governmental university)
Dates	1985 – 1986
Occupation or position held	Assistant Lecturer
Main activities and responsibilities	Teaching Practical Topography Lessons
Name and address of employer	Tishreen University, Lattakia, Syria
Type of business or sector	Higher Education (governmental organization)



Work Experience

Dates	2016-2017
Occupation or position held	Project Manager: the reconstruction project in Syria (Decree 66): Amend the technical studies of the infrastructure of the first area (101) Regulate of the southeast Mazzah area- Damascus - Syria
Dates	December 2007 – present
Occupation or position held	Project Manager (contract Number: /202/ dated: 31/12/2007)
Main activities and responsibilities	<p>The contract includes :</p> <ol style="list-style-type: none"> 1. Defining protocols for sharing data between the GIS center in the governorate of Damascus and the concerned stakeholders (i.e., Damascus water establishment, General Company for sewage, General Establishment for Electricity, and General Establishment for telecommunication). 2. Conducting training courses (1800 hours) for capacity building of staff (200 trainees from different directorates in Damascus Governorate). 3. Restructuring the Directorate of Urban Planning at Damascus Governorate and define its needs of programmes and software. This would include the study of its archiving system to include it in the GIS 4. Activation of the digital address in Damascus to become a basic requirements in the GIS database at Damascus governorate and the concerned stakeholders. <p>Activation of Electronic payment of bills in Damascus governorate.</p>
Name and address of employer	Damascus governorate
Type of business or sector	5. Public sector (governmental)
Dates	2007
Occupation or position held	GIS expert
Main activities and responsibilities	Determining the needs of the GIS center at Damascus governorate Restructuring the GIS centre at Damascus Governorate
Name and address of employer	Damascus governorate section of Informatics
Type of business or sector	Public sector (governmental)
Dates	2005/2006
Occupation or position held	GIS expert



Main activities and responsibilities	<ul style="list-style-type: none"> ➤ Development of technical specifications for purchasing GPS instruments and GIS software, ➤ Development of Access database for olive mills in Syria, ➤ entering olive mills survey data into the electronic database ➤ Adjusting GPS coordinates (N, E, Latitudes) of olive mills, ➤ Defining the criteria for the identification of hot spot areas affected by olive mills, ➤ Producing GIS maps of olive mills distribution in Syria ➤ Producing GIS maps of identified hot spot areas, ➤ GIS maps of drinking water wells affected by olive mills discharge <p>Training of national staff on the use of olive mill database and creation of GIS maps of olive mills in each governorate.</p>
Name and address of employer	UNDP – Syria “ <i>Integrated Management of Olive Oil Production Wastes in Lebanon, Syria, and Jordan</i> ” funded by EC/SMAP-II and implemented by UNDP Offices and the Environment Ministries in the three participating countries
Type of business or sector	➤ UNDP (International Organization)
Dates	April 2005
Occupation or position held	GIS Consultant
Main activities and responsibilities	Preparing the GIS international conference held at Kalamoon private University (April 2005)
Name and address of employer	Kalamoon University, Syria
Type of business or sector	Higher Education (private university)
Dates	October 2002
Occupation or position held	Member of the GIS higher committee in Syria
Main activities and responsibilities	Making the Syrian strategy of GIS
Name and address of employer	Ministry Of Communication, Syria
Type of business or sector	Pubic sector (governmental)
Dates	July 2002 – 2004
Occupation or position held	GIS Expert
Main activities and responsibilities	Choosing and training the team work
Name and address of employer	Ministry Of Communication, Syria
Type of business or sector	Pubic sector (governmental)
Dates	June 2003 – 2004



Occupation or position held	GIS Expert
Main activities and responsibilities	Choosing and training the work team
Name and address of employer	Ministry of Tourism, Syria
Type of business or sector	Public sector
Dates	1983 – 1985
Occupation or position held	Executive Engineer
Main activities and responsibilities	Responsible of terrain works in Damascus-Daraa Highway
Name and address of employer	Kassioun Company, Syria
Type of business or sector	Public works (Road Construction)
Supervised research thesis/dissertations	<ol style="list-style-type: none"> 1. Development of application software in GIS Environment for municipality of Jdayda (Damascus). Fifth year graduation project (2005). Damascus University, Faculty of Information. 2. Development of application software in GIS Environment for municipality of Hanaway (Lebanon). Fifth year graduation project (2005). Damascus University, Faculty of Information. 3. Land development and management in several municipalities in Latakia, Fifth year graduation project (1996 to present)

Technical skills and competences

Social skills and competences	<ul style="list-style-type: none"> ➤ Good ability to discuss, negotiate, and in socializing with team and groups, <i>Very good listener to other people</i>
Organisational skills and competences	<ul style="list-style-type: none"> ➤ Good experience in leading research groups, ➤ Supervising and directing environmental analytical laboratories, ➤ Management of research projects, field works, and measurements campaigns
Technical skills and competences	<ul style="list-style-type: none"> ➤ Using GPS (Global Positioning System) ➤ Using Total Station and other topographic instruments ➤ Management of research projects, field works, and measurements campaigns



Computer skills and competences	<ul style="list-style-type: none">➤ Good working skills with most Microsoft Office programmes (<i>i.e.</i>, Word, Excel, Power Point, Access, MS Project, Photo-Shop, MS Office Outlook, Internet Explorer➤ Programming Languages : Visual Basic, Turbo Pascal, Delphie, C++➤ FORTRAN, Basic.➤ ArcGIS from ESRI, MapInfo, Geomedia from Intergraph , AutoCAD, Laptop Applications
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Publications

1) 2017

Paper

Creating GIS Application For Weighting Roads By Tourist Attraction (*published in Arabic*)

Iyad ABBAS, Fadi CHAABAN, Saleem IBRAHIM

Tishreen Univ. Journal for Research and Scientific Studies Vol. () No. ()

2) 2017

Paper

Designing And Developing of a Standalone Geographic Information System (M_GIS) For The Management Of Municipalities Using .NET And Arcobjects (*published in Arabic*)

Hanan DARWISHE, Fadi CHAABAN, Iyad ABBAS

Albaath university magazine, volume39

3) 1994

Paper

"Testing the quality topographic of a map or a data base by a photogrametric method".

Iyad ABBAS.

XYZ No 59. Second trimester 1994.

4) 1992

Paper

"Test of the geometric quality of a map, the points test and the lines test", In "Bulletin d'Information" in IGN 92 Paris.

Iyad ABBAS.

In "Bulletin d'Information" in IGN 92 Paris.

5) 1992

Paper

"Test of the geometric quality of a map, the points test and the lines test", In "Bulletin d'Information"

Iyad ABBAS.

in IGN 92 Paris.



1) 1992 to present

Attended Workshop & Conferences

1. “Geometrical test of a vector database. A new method on Hausdorff distance “: The liner control method. Seminar above the quality of interpretation of remote sensing for the cartography. 15 September 1994 Paris.
2. “Controle de la planimetrie d’une base de donnees vectorielles. Une nouvelle methode base sur la distance de Hausdorff la methode de controle lineaire”.
3. Seminaire sur la qualite de l’interepretation des images de teledetection pour la cartographic. 15 September 1994, Paris.
4. June 2003 : Participation in "Journee Geographique" In Lebanon organized by CNRS, ESGT

Languages

[ARABIC]

MOTHER TONGUE

OTHER LANGUAGES

[FRENCH]

- Reading skills [Excellent]
- *Writing skills* [Excellent]
- Verbal skills [Excellent]

[ENGLISH]

- Reading skills [V. good.]
- *Writing skills* [V. good..]
- Verbal skills [V. good.]

Additional information

References:

- Mr. Hottier Philippe: Professor in research in ENSG Ecole National Des Sciences geographique).
Address: 2 Avenue Pasteur 94160 Saint-Mande. Tel 01 43 98 80 00.
- Mr. LEMEN Yrve: Director of research at IGN (Institute Geographic National) in Paris.
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