



Fadi CHAABAN

Associate Professor of GIS in civil engineering

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

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

Personal information

Sex	M / Married	Email-1	fadi.chaaban@gmail.com
Date of birth	1981	Email-2	fadi.chaaban@tishreen.edu.sy
Adress	Tartous- Syria	Web site	http://about.me/fadi.chaaban
Nationality	syrian	ARiD account	http://arid.my/0001-6966
Driving Licence	B	Linked In	https://www.linkedin.com/in/fadi-chaaban-43b66327/
Telephone/ Mobile			

Academic qualifications

2011	<p>Doctoral thesis: «Potential contribution of Geographic Information Systems (GIS) for better coastal management in the context of sustainable development: Conceptual and methodological approaches applied in the north of France».(published in French) <i>Defended on Friday, October 21 at 14:30. Thesis obtained with honors.</i> laboratory of Civil Engineering and Geo-Environment LGCgE - Lille 1 University - Science and Technology – Engineering School (Polytech'Lille),France</p>
2007	<p>Master 2 of Research in Civil Engineering, <i>Lille 1 University - Science and Technology – Engineering School (Polytech'Lille),France.</i></p>
2005	<p>D.E.S(=Master1) in topographic Engineering <i>Topography Department, College of Civil Engineering, Aleppo University , Alep-Syria</i></p>
2003 1998-2003	<p>Diploma in Civil Engineering <i>Topography Department, College of Civil Engineering, Tishreen University , Lattakia-Syria</i></p>
1998	<p>Scientific Baccalaureate - Tartus, Syria.</p>



Academic Experience and Training

2018 <i>present</i>	Associate Professor	Topography Department, College of Civil Engineering, Tishreen University, Lattakia-Syria
2012-2018	Assistant professor	
2012 <i>present</i>	Courses Taught : <ul style="list-style-type: none"> • Geographic Information Systems (GIS) - (Fifth year - Topographic Engineering) • Mathematics and advanced computer systems (First Year- Master-Topographic Engineering) • Surveying and agricultural facilities (Second Year - Agricultural Engineering 2017-2018). • Surveying (Second Year - Architectural Engineering 2018-....) • Surveying instruments (Fourth Year - Topographic Engineering 2012-21013) 	
2012 <i>present</i>	Scientific supervision of a number of graduation projects - fifth year: Topographic Engineering	
2015 <i>present</i>	Scientific supervision of a number of master's and doctoral thesis - Topographic Engineering. Achieved : 1 master's thesis in progress: 4 master's thesis & 2doctoral thesis	
2018	Trainer: Training engineers on the use of GIS in Real Estate valuation (20 hours)	Syrian Engineers Syndicate, Homs, Syria
2017 18 December	Trainer: - 3 lectures on data management resulting from the structural assessment process, and creating a spatial database in GIS: open source GIS software and GNSS techniques available.	Syrian Engineers Syndicate, Hama, Syria
2016	Trained: Quality Assurance Course (5 days)	Tishreen University, Lattakia-Syria
2010 2009	Trained: <ul style="list-style-type: none"> • Network Analyst in ArcGIS • Linear referencing in ArcGIS • Spatial Analyst in ArcGIS • GPS and Mobile GIS Workshop • workshop 3D Virtuel City • Image Processing Workshop 	ESRI France, France
2010	7-8 Trained: workshop / EUCC-France	Canche estuary, northern France



octo			
2010 March	28	Trained: workshop :Hydrologic and Hydraulic Analyses Support Using ArcGIS	Orlando, Floride, USA.
2008 from 15/09/2008 to 08/12/2008		Trained: ArcGIS 9.3 course (ArcView level)	TVES Laboratory, Department of Geography, Lille 1 University , France.
2002-2003		End of study project “Establishing a survey plan for Tishreen university”	Topography Department, College of Civil Engineering, Tishreen University , Lattakia-Syria

Technical skills and competences

<i>Very good computer skills, knowledge and proficiency in several software:</i>	
Geographic Information System (GIS)	- ArcGIS (ArcMap, ArcCatalog, ArcScene, ArcGlobe) - MapInfo QGIS & MapWindow GIS (OPEN-Source GIS)
hydrodynamic modeling	(GMS6, PMWIN).
Image Processing	(ENVI, Erdas imagine.)
different scientific software	Microsoft office (Word, Excel, Power point, Outlook express, Acces,)- Surfer, Google SketchUp, 3DEM, FreeMind, AutoCAD
Programing languages	python , visual basic.net
Surveying instruments	- Theodolite. - Leveling Instruments - Totale Station. - GPS

Publications

1) 2018

Conference

Importance And Role Of 3D Cities Modeling Using GIS In Reconstruction

Hanan Darwishe, Fadi Chaaban

The 18th conference of General Organization Of Remote Sensing in cooperation with higher

Lattakia 28-10-2018



commission for scientific research, titled “the role of remote sensing and supporting systems in the reconstruction” Damascus – DamaRose Hotel 8-10/10/2018

2) 2018

Paper

Use of GIS Techniques to Study a New City Site as a Solution for Urban Expansion in Lattakia Governorate (*published in Arabic*)

Iyad ABBAS, Fadi CHAABAN, Karam ALJBAILEE

Tishreen Univ. Journal for Research and Scientific Studies Vol. (40) No. (5)

3) 2018

Paper

Semi-Automatic Methodology for 3D Modeling and Visualization of Utility Networks in the GIS Environment (*published in Arabic*)

Fadi Chaaban,, Hanan Darwishe

albaath university magazine, volume40

4) 2017

Paper

Prediction and control of nitrate concentrations in groundwater by implementing a model based on GIS and artificial neural networks (ANN) (*published in Arabic*)

DARWISHE, Hanan, EL KHATTABI, Jamal, CHAABAN, Fadi, Barbara Louche, Eric Masson, Erick Carlier

Environmental Earth Sciences, 76(19), 649.

5) 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. (39) No. ()

6) 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



7) 2017

Paper

Potential of Free and Open Source Geographic Information Systems (FOSS_GIS) Applications in Optimal Site Selection Analysis of Urban Project (*published in Arabic*)

Fadi CHAABAN, Hanan DARWISHE

Tishreen Univ. Journal for Research and Scientific Studies Vol. (39) No. (3)

8) 2017

Paper

Procedural 3D modeling of cities in Geographic Information Systems environment using ESRI CityEngine (*published in Arabic*)

Hanan DARWISHE, Fadi CHAABAN,

Albaath university magazine, Vol. (39) No. (11): 81-109

9) 2012

Paper

Using ArcGIS® Modelbuilder and Aerial Photographs to Measure Coastline Retreat and Advance: North of France

Fadi CHAABAN, Hanan Darwische, Yvonne Battiau-Queney, Barbara Louche, Eric Masson, Jamal El Khattabi, and Erick Carlier

Journal of Coastal Research DOI: 10.2112/JCOASTRES-D-11-00054.1

10) 2012

Paper

Using ArcGIS® Modelbuilder and Aerial Photographs to Measure Coastline Retreat and Advance: North of France

Fadi Chaaban, Hanan Darwische, Yvonne Battiau-Queney, Barbara Louche, Eric Masson, Jamal El Khattabi, and Erick Carlier

Journal of Coastal Research DOI: 10.2112/JCOASTRES-D-11-00054.1

11) 2012

Paper

Geographical information system approach for environmental management in coastal area (Hardelot-Plage, France)

Fadi Chaaban, Hanan Darwische, Barbara Louche, Yvonne Battiau-Queney, Eric Masson, Jamal El



Khattabi and Erick Carlier

Environmental Earth Sciences 65:183-193 DOI 10.1007/s12665-011-1080-2

12) 2011

Conference

Développement d'un outil utilisateur en VBA pour la gestion de l'information hydrogéologique sous ArcGIS (*published in French*)

H. Darwishe, E. Masson, B. Louche, J. El khattabi, F. Chaaban, E. Carlier

la Conférence Francophone ESRI, SIG 2011 - Palais des Congrès de Versailles, Versailles, France, 5-6 oct 11

13) 2010

Paper

SIG et modélisation hydrogéologique littorale : application à la plage d'Hardelot (Pas-de-Calais, France) (*published in French*)

Fadi CHAABAN, Eric MASSON, Hanan DARWISHE, Barbara LOUCHE, Jamal EL KHATTABI, Yvonne BATTIAU-QUENEY et Erick CARLIER

Géomatique expert N° 76 sep-oct 2010 P58-67

14) 2010

Conference

Apports potentiels de systèmes d'information géographique (SIG) et de systèmes de modélisation de l'eau souterraine (GMS) pour une meilleure gestion d'un littoral dans une optique de développement durable. Exemple : littoral du secteur Hardelot-plage, Pas-de-Calais. (*published in French*)

F. Chaaban, B. Louche, J. El Khattabi, E. Masson, Y. Battiau-Queney, et E. Carlier

WATMED 5(5th International Conference on Water Resources in Mediterranean Basin)26-28 mai2010 - Université Lille1 : Sciences et Technologies, Lille, France.

15) 2010

Conference

Gestion de la ressource en eau de la nappe de la craie dans le secteur de Béthune (nord de la France) : Couplage des Systèmes d'Information Géographique et de la modélisation hydrogéologique (*published in French*)

H. Darwishe, E. Masson, B. Louche, J. El khattabi, F. Chaaban, E. Carlier

WATMED 5(5th International Conference on Water Resources in Mediterranean Basin)26-28 mai2010 - Université Lille1 : Sciences et Technologies, Lille, France.



16) 2010

Conference

Coupling GIS with Hydrogeological Modeling, case study: Chalk aquifer of Northern France

H. Darwishe, E. Masson, B. Louche, J. El khattabi, F.Chaaban, E.Carlier

AWRA (American Water Resources Association) 2010 Spring Specialty Conference « Geographic Information Systems (GIS) and Water Resources VI ».

- Rosen Shingle Creek, Orlando, Floride, les Etats-Unis. 29-31 mars 2010.

17) 2010

Conference

Application of GIS and GMS for coastal management (North of France)

F.Chaaban, B. Louche, E. Masson, J. El Khattabi, H.Darwishe, Y.Battiau-Queney, E.CARLIER

AWRA (American Water Resources Association) 2010 Spring Specialty Conference « Geographic Information Systems (GIS) and Water Resources VI ».

- Rosen Shingle Creek, Orlando, Floride, les Etats-Unis. 29-31 mars 2010.

18) 2009

Conference

Système d'Information Géographique pour une meilleure compréhension et gestion des données de modélisation hydrogéologique (*published in French*)

H. Darwishe, B. Louche, E. Masson, J. El khattabi, F.Chaaban, E.Carlier

la Conférence Francophone ESRI, SIG 2009- Palais des Congrès de Versailles, Versailles, France, 30sep-01 oct 09



Languages

[ARABIC]

MOTHER TONGUE

OTHER LANGUAGES

[FRENCH]

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

[ENGLISH]

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

Dr. Eng Fadi CHAABAN
Lattakia 28-10-2018