

# **Dr. AL-IMAM Waël**

**Mobile 00963-933729095**

## **1 Civil situation :**

Date of birth: 24/ May / 1968 Damascus

Social situation: married.

Nationality: Syrian.

## **2 Academic degrees:**

2005 →2007 Executive master in business administration EMBA, Higher Institute of Business Administration, Damascus Syria, "courses only".

1994 →1998 Ph.D. in Biostatistics, University of Montpellier II, France.

**Thesis: Title:** An extension additive spline of the principal component analysis with respect to instrumental variables.

**Advisor:** Professor Yves ECOUFIER.

1993 →1994 MSc. in Biostatistics University of Montpellier II, France.

1992 →1993 French language, CAVILAM of Vichy France.

1985 →1989 BSc. in Mathematics University of Damascus, SYRIA.

## **3 Scholarships:**

- French governmental scholarship during my Graduate studies, (1992-1996).
- Syrian governmental scholarship during the last two years of my Graduate studies.

## **4 Employment and work experience :**

09/2011 →08/2014 Lecturer of applied statistics and economic at Syrian private university.

09/2010 →09/2011 Lecturer of applied statistics at Yarmouk private university.

01/2005 → 07/2010 Dean of the Higher Institute for Demographic Studies and Researches by a presidential decree.

09/2004 →12/2004 Researcher in UNDP project in SYRIA with Professor Al-Akhrass.

06/2004 →09/2004 Vice Dean of the Higher Institute of Business Administration.

12/2003 →05/2004 Acting Dean of the Higher Institute of Business Administration.

03/2003 →11/2003 Vice Dean of the Higher Institute of Business Administration.

09/2002 →03/2003 Head of department of basic sciences faculty of computer Sciences.

2001 →2002 Lecturer of applied statistics at the department of Biomedical engineering and at the department of statistics at the Faculty of computer sciences.

2000 → 2001	Statistician at pharmaceutical industry department of planning and statistics.
1998 → 1999	Researcher, Department of biomedical engineering Faculty of electrical and mechanical engineering University of Damascus.
1996	Researcher in European project “ALWAYS” in CIRAD, Montpellier, France.
1994 → 1998	Graduate Student Researcher , University of Montpellier II.
1990 → 1992	Assistant Professor in biostatistics, Department of biomedical Engineering , University of Damascus.

## 5 Languages:

Fluent in French and very good in English, (Oral and Writing).

## 6 Knowledge and experience in Computer:

- **S-plus and SPSS** for statistical processing and Data analysis.
- **Matlab** for neural networks and signal processing.
- A good experience in **MS office**.
- A good knowledge in the **UNIX** and **Windows** operating systems.

## 7 List of courses taught:

### List of courses taught from October 1990 to July 1992:

- Biostatistics, third year under graduate course, University of Damascus, Faculty of electrical and mechanical engineering.
- Linear Regression, fourth year under graduate course in Statistics Department, University of Damascus.

### List of courses taught from Mars 1998 to November 2014:

- Biostatistics: third year under graduate course, University of Damascus, Faculty of electrical and mechanical engineering.
- Neural networks and control: graduate course in the faculty of science department of informatics.
- Business statistics and planning: EMBA in HIBA Institute in English language.
- Business statistics and planning: MBA of Banking and Finance in French language, faculty of commerce and management.
- Linear regression: Fourth year in statistics department.
- Engineering economic: third year in faculty of computer sciences.

## **8 Workshops:**

- Supervising a workshop in biostatistics for medical researches in Faculty of medicine, Damascus university Oct. 22 →24, 1998.
- Participating to a workshop on “Building Internet-Based Multimedia Applications for Training and Education” organized by UNESCO Cairo Office, in Turkey Oct. 4 →8, 1999.

## **9 Research interests:**

Data analysis, Time series analysis, Non linear regression, Bayesian analysis, applications of statistics to biological sciences and economy.

## **10 Published papers:**

- IMAM W., (2000), “Curves estimation of electrical load of the Syrian power system using spline regression”, 40<sup>th</sup> week of science in Tichreen University, Latakia Syria.
- IMAM W., (1999), “Supervised perceptrons and Principal Component Analysis on explicative variables coded by Splines”, the first Syrian-Lebanese Engineering Conference, Damascus university.
- CABANETTES, A., AUCLAIR, D. and IMAM, W., (1999). Diameter and height growth curves for widely-spaced trees in European agroforestry, published in *Agroforestry Systems*, 43(1/3): 169-181.
- IMAM, W., MATZNER, E. and AIFOUTE. A.S. (1999), “Choix de l'ordre des modèles autoregressifs fonctionnels additifs, published in “*La Revue de Statistique Appliquée*”, XLVII (1), 63-80.
- IMAM, W., SAIH, A. and ESCOUFIER Y. (1998) “Quantification des effets spatiaux linéaires et non linéaires dans l'explication d'un tableau de données concernant la qualité des eaux souterraines”, published in “*La Revue de Statistique Appliquée*”, France, XLVI (3), 37-52.

## **11 Technical report and publications in conferences :**

- DURAND J.F. et IMAM W. (1996) “A nonlinear extension of the principal component analysis on explicative variables”. Technical report n° 97-07. Unité de Biométrie, ENSA.M-INRA-UM II.
- IMAM W., (1998), “The study and the collection of Medical data for statistical Analysis”, in the conference on the role of informatics in the development of medical researches, Federation of Arab Scientific Research Councils, Damascus-Syria.
- IMAM W. and DURAND J.F., (1997) “An additive extension of the principal component analysis on explicative variables”. Published in XXIX<sup>th</sup> statistical days Carcassonne, 26 →30 Mai, France.
- IMAM W. and MATZNER L., (1998), “Order choice of additive functional autoregressive models”, Published in XXX<sup>th</sup> statistical days, Bruz, France.

### **13 Translation and Authorship :**

- Translation of a text book in biostatistics, “introduction to medical statistics”, Martin Bland, oxford, 2000. Translation copyright 2000 by Arab Center for Arabization, translation, Authorship and publication.
- Participating to an authorship of informatics dictionary, Syrian Computer Society, 2000.

### **14 Scientific Activities**

- Member of Syrian Computer Society from 1998, Comity of translation and publication.
- Supervising of several planning and statistical projects for senior students at biomedical engineering department, pharmaceutical faculty and at the higher institute for demographic studies, 2000-2018.

### **15 political Activities**

- More than 400 TV-interview for educating Syrian population against terrorism and the terroristic organizations ( Muslims brothers and wahabites) during 2011-2018.
- Member of Albaath party (active member no. 824877).
- Member of many committees relating to the leadership of Albaath party during 2011-2017.
- Many political lecturers in the Albaath meetings during 2013-2016.
- Secretary general of Damascus’s section of Albaath party 2015-2016.