CURRICULUM VITAE

Personal Profile

(1) Personal Data

Name : Badr Ismail Mohamed Makhlouf.

Date of Birth : DEC. 19,1960, Cairo.

Nationality : Egyptian.

Marital Status : Married.

No. of Children : Two.

Address (Home) : 40 DR. Mohi EL-Dain Abdel-Hameed Street, Nasr City, Cairo.

(Work) **:** Institute of National Planning (INP), Nasr city, Salah Salem street, Cairo, Egypt.

P.o.box : Nasr City 11765

Occupation : General Manager of Planning Information Centre.

Experience : *FROM 4/11/1985 - present (28 YEARS) as follows:-*

- General Manager of Planning Information Centre from 1-7-2008 – present.

- Manager of statistics and System Analysis Department from 1-8-2003 up to 31-6-2008

- Statistician and Systems Analyst from 11-7-1996 up to 31-7-2003.

- Programmer/Developer from 19-1-1987 up to 10-7-1996.

Job Location : Institute of National Planning (INP).

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(2)Educations:

- Ph.D. degree in "Developing an Environmental Information System for Monitoring Nosocomial Infection Control Practices and their Impact in Human Resources", Ain Shams University, 2005.
- Master degree in "The Role of Environmental Information System in Medical Waste Management and its Impact on Sustainability Development", Ain Shams University, 2002.
- Diploma of National Planning in "Economic and Social Development", Institute of National Planning, 1990.
- Diploma of Computer Science, Ain Shams University, 1989.
- B. of Commerce, Ain Shams University, 1982.

Skills

(1) Software

- Statistical Analysis Packages:
(SPSS, E-views, Minitab)**.**
- Data Bases
- ORACLE (SQL, PL/SQL, FORMS and Reports), ORACLE Designer, Access, Fox Pro, Clipper, dbase V and IV.
- Programming Languages
V.C++, V.FORTRAN, V.BASIC.net, V.PASCAL and HTML.
- Operating Systems
UNIX, Windows NT, Windows 2000/XP/2003 and 2007.
- Some Packages e.g.:
LOTUS 123, OFFICE 2000/XP/2007 …etc.

(2) Hardware

- Net Work (AVIION 5220, with O.S. UNIX).
- Client & Server(SUN, IBM, with O.S. WINDOWS NT)
- Mini Computer (PERKIN ELEMER 3220, with OS/32).
- P.C (IBM or Compatible).

Experiences

(1) Consultancies:

1- Consultant of Statistics in General Authority for Fish Resources Development (GAFRD), 2013-2014.

2. Committee Member of Statistics & information systems in Arab Labor Organization (ALO), Jan., 2010- present.

3- Consultant of Statistics and Information systems in National Authority for Remote Sensing and Space Sciences "NARSS", Feb. 2008 - present.

4- Consultant of Statistics and Information systems, in Islamic Education Scientific and Culture Organization (ISESCO), 1997-2002.

5- Member of the committee for conducting detailed study of introducing information systems in the Ministry of Planning - by the ministerial decree no. 15, 1996-2002.

6- Information system consultant in El-Nasr Company for Import & Export, 1995 -1998.

(2) *Applications and Research Activities Involved*

(A) Fishery Sector

1) Project of investment map creation for fish farming in Egypt using the remote sensing technology and geographic information systems, National Authority for Remote Sensing and Space Sciences "NARSS" cooperative with General Authority for Fish Resources Development (GAFRD), 2015.

2) Mapping the Potential Fisheries Zones of Egyptian Marine Living Resources in Mediterranean and Red Seas, National Authority for Remote Sensing and Space Sciences "NARSS" cooperative with General Authority for Fish Resources Development (GAFRD), 2014.

3) Leader of the team for developing Egyptian fisheries data base and adjust statistics. Egyptian Authority for Aquatic Resources Development. 2013 tell now.

4) Study " Socio-Economic Aspects of Fisheries Management Red Sea Governorate (EGYPT), Hurghada Environmental Protection and Conservation Association HEPCA: NGO registered with the social affairs ministry under No. 104 in the year 1995, October – December 2012.

5) Preparation of Fisheries Management Plan for the Red Sea. U.S. Agency for International Development, Program Support Unit of Egyptian Environmental Policy Program,

6) Project " Social and Economic aspects of Small Scale Fisheries in Regional Commission for Fisheries (RECOFI) region", FAO, Feb. 2012- April 2012.

7) Feasibility study for technical Assistance Program in the Egyptian Aquaculture Sector, EU,(FWC NO 2011/275-337), Lamans s.a, Management Services, 2011.

   The main tasks included:
   - ❖ To describe the current situation and dynamics of the Egyptian aquaculture sector focusing on marine species value-chains.
   - ❖ To identify the main gaps and bottlenecks of the marine aquaculture sector as well as potential areas for sector development.
   - ❖ To provide specific recommendations for intervention on marine species aquaculture value-chains and to propose scenarios (development path) and a set of actions with their estimated costs.
   - ❖ To provide a Terms of Reference for a Technical Assistance programme (TA) for marine aquaculture sector.

8) Project "Socio-Economic Assessment of Egyptian Fisheries", FAO organization, 2011.

9) Organized Training Course on Fishery Project Evaluation for Fishery Officers, United Arab Emirates, 2009

10) Project "The use of Remote Sensing Techniques and Geographical Information systems

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(GIS) for the Delineation and Monitoring of Fish Production in Egypt", National Authority for Remote Sensing and Space Sciences "NARSS", 2007-2010. The main objectives of the project as follow:

- ❖ Develop an installable software system to make use of the general data sets;
- ❖ Set-up a national monitoring, inspection and statistic programme to monitor specific variables;
- ❖ Set-up a set of tools that help fisheries/aquaculture managers to better implement the programme set for their sectors, such as:-
  - Issue a series of guidelines for sustainable management of fish production;
  - Set-up water quality criteria for different types of fish farms;
  - Establish intuitional framework to define responsibilities and borders limit between different authorities.

The expert was involved in the Project as a leader of statistics and information systems team with the following tasks:-
- ❖ Design data collection sheets for database.
- ❖ Design a relational database.
- ❖ Design the statistics (Reports) of database. These included :
  - ▪ Fish production reports (Quantity and value);
  - ▪ Fishing fleets reports;
  - ▪ Fishermen reports;
- ❖ Identify the information to be included in the fishery statistics.
- ❖ Member in indicators team for determine the convenient indicators for the project.

11) Participation in Nile Basin Initiative Projects (11 African member countries) : Food Security and Cross Border Components. 2007.

12) Project of Development of Fish Statistics in Arab Countries, Arab Organization for Agriculture Development (AOAD); Arab States League, 2005-2006. The main components of the project include:
- ❖ Determine the statistics data of the fish industry.
- ❖ Design the data sheet and its manual for data collection.
- ❖Evaluate the current situation of the fishery sector in Arab countries including fish statistics.
- ❖ Develop a fisheries database.
- ❖ Identify the information to be included in the fish statistics year book issued by AOAD.
- ❖ Conduct Training courses to improve Capacity building of statistical officers.

The expert was involved in the Project with the following tasks:-
- ❖ Design a data collection sheet for database.
- ❖ Design the convenient method for data storage and dissemination.
- ❖ Design the outputs (Reports) of database. These included :
  - ▪ Fish production reports (Quantity and value).
  - ▪ Foreign trade (Exports and Imports) reports.
  - ▪ Fishing fleets reports.
  - ▪ Fishermen reports.
- ❖ Identify the information to be included in the fishery statistics year book.

❖ Conduct training courses for statistical and information officers.

13) Design a co-operative insurance database system for marine fishing fleet, Egyptian Union of Fishermen Co-operative Organizations, 2006-2007.
14) Fishery Information systems, Arab Organization for Agriculture Development (AOAD), 2005.
15) Preparing a project proposal for "fishery statistics in Egypt", General Authority for Fish Resources Development (GAFRD), 2003.

Workshops and Symposiums

✓ Sixteen Congress of the Egyptian Society for the Development of Fisheries and Maintaining Human Health, Organized by the Society and National Authority for Remote Sensing and Space Sciences (NARSS), Egypt-Cairo, 3 October 2012.
✓ Workshop on " Social and Economic aspects of Small Scale Fisheries in RECOFI region", FAO, Bahrain , 22- 24 April, 2012.
✓ Workshop on " Project "Socio-Economic Assessment of Egyptian Fisheries", organized by FAO , Egypt-Cairo, 22 November 2011.
✓ Project of developing integrated information system for improving fishery in Egypt: Numerical modeling of improving fishery productivity, organized by National Authority for Remote Sensing and Space Sciences (NARSS), Egypt-Cairo,15 September 2011.
✓ Symposium on " The Role of Remote Sensing and Geographical Information System (GIS) in Integrated management for Fish sector resources in Egypt, Canal Suez University, May 2008.
✓ Symposium on "Information Technology and Integrated Management for Fish Production in Egypt, National Authority for Remote Sensing & Space Sciences, Ministry of State for Scientific Research, Cairo, Egypt, 17/12/2007.
✓ Workshop on" Development of Fishery Statistics in Arab Countries", the workshop was organized by Arab Organization for Agriculture Development (AOAD), 28-30/11/2006. Sanaa, Yemen. A paper entitled "The role of information systems in fisheries management" was presented. Also proposed database software for Arab fisheries was presented.
✓ Workshop on " The Role of Statistics and Database System for fisheries development in Arab Countries, Cairo, Egypt, 26-27/12/2005 The workshop was organized by the Arab Union of Fish Producers, FAO (RNE), GAFRD. A paper entitled "The role of information systems in fisheries development" was presented.

(B) Labor sector

1) The labor market in the Arab countries: The Challenges and the solutions, Arab Labor Organization, December 2012.
2) Information technology and its impact on construction of labor statistics, Arab Labor Organization, 2012.
3) Developing a Database for Labor Force and Unemployment in Egypt, Institute of National Planning, 2012.
4) Information technology and its impact on human resources development, Arab Labor

Magazine :issue 96 , Arab Labor Organization, Jan. 2012.
5) Development proposal of the annual book of labor market statistics in Arab countries, Arab Labor Organization, 2010
6) Statistic and Labor Market in Arab Countries, Egyptian Review of Development and Planning, Institute of National Planning, Jan. 2010.
7) The Reality of labor women statistics, Arab Labor Organization, 2009

Conferences and seminars
  ✓ Roundtable on "The Arabic Network for labor market information", organized by Arab Labor Organization, Egypt-Cairo, 25 December 2012.
  ✓ Coordinating a workshop to "Senior officials in the labor market information and statistics work in Arab countries" organized by Arab Labor Organization in collaboration with Arab Gulf Programme for Development, Egypt-Hurghada, 3-5 December 2012.
  ✓ "Arab Labor conference", organized by Arab Labor Organization, Egypt-Cairo,1-8 April 2012.
  ✓ Support and strengthen of statistical capacity in Sultanate Oman, Oman, 14-16 Jan., 2012.
  ✓ "Arab Labor conference", organized by Arab Labor Organization, Egypt-Cairo,15-22 May 2011.
  ✓ The workshop entitled " Labor Statistics", organized by Arab Labor Organization, Yemen-Sanaa , 28-30/ November 2010.
  ✓ The workshop entitled "Development proposal of the annual book of labor market statistics in Arab countries", Arab Labor Organization, Cairo,29-30/June, 2010.
  ✓ The international workshop entitled " Arab network for labor market information and its impact on labor statistics", organized by Arab Labor Organization in collaboration with ESCWA Organization, Sharm El-sheikh, 15-17/Dec., 2009.

(C) Health Sector
1) Developing a Database for National Center for Clinical and Environmental toxicology NECTR, Treatment Program for HCV, Cairo University, 2010 - 2011.
2) Developing a Database for Health services in Egypt, Institute of National Planning, 2010.
3) Developing a Database for Project of Public Health issues, Health Sector Reform Programme, ADB Protocol of Agreement # 2100150000266, Health Sector Reform Programme (HSRP), Sector for Technical Support and Projects (STSP), Ministry of Health and Population (MOHP), Arab Republic of Egypt,2006-2007.
4) Developing a Database for Project "Patient Unsafe Practices: Adverse Events", WHO, 2005-2006/2006-2007.
5) The potential effect of a computerized management information system in improving the efficiency of the pediatrics' surgery department in Cairo university hospitals, 1997-1999.
6) Developing a computerized health information system for "medical and paramedical personnel", Cairo university hospitals, 1995-96.

Workshops and Symposiums
  ✓ Third Workshop on Patient Safety Update on: Data analysis, Reporting and National

capacity building, Luxor, Egypt, Feb. 12 – 15, 2007
- ✓ Second training Workshop on Implementing Patient Safety Plans of Action Developed in 2005, EMRO, Cairo, May 8-11 2006.
- ✓ Workshop for Adverse Events Measurement, Regional Office for the Eastern Mediterranean (EMRO), World Health Organization (WHO), December Nov. 20-24 2005
- ✓ Health care and its impacts on Society in Egypt: Future looks, Institute of National Planning, 5/2/2002.

(D) Industry sector

1) The Role of information technology in Small Scale industries Development, Islamic Bank, 2008.
2) Developing a database for the study "Productivity of the Egyptian Economy", 1991 /1992 – 1992/1993.
3) Data analysis of the study "Exports development in Egypt", Industrial Planning Centre, 1991.
4) Data analysis of the study "Industrial coordination availabilities between states of Arab union council", Industrial Planning Centre, 1991.
5) Developing a database for the study "Small scale industries in A.R.E", 1991.
6) Data analysis for the study "A development banks and their role in financing industrial development at some Arab countries", Industrial Planning Centre, 1990.
7) Developing an industrial database in A.R.E., 1990.
8) Developing an information system for central co-operative production union, affiliated to general co-operative union, 1989.

Workshop
- ✓ Productivity measurement methods, Organized by Institute of National Planning (Egypt) and Econometric Institute (Tunisia), June 2007

(E) Management Information System

1) Developing a Database for Environment in Egypt , Institute of National Planning , 2011.
2) Developing a Database for project of Nile Basin Initiative (NBI) Shared Vision Program, Socioeconomic Development and Benefit Sharing Project, Institute of National Planning in collaboration with the World Bank, 2006-2007.
3) Developing a Data Base for the project" Energy Resources in Africa uses and Potentialities", prepared for African Institute for Economic Development and Planning, 2003/2004.
4) Developing an information system for the project of "Automization of Institute of National Planning activities (payroll, inventory,…etc.)" , 1998 –2000.
5) Developing an information system for Activities of Ministry of planning, 1997-2000.
6) Developing an information system for the study in "Education in Egypt", Institute of National Planning, 1997/1998.
7) Developing an information system for Activities of El-Nasr company for import and Export, 1996- 1997.
8) Developing an information system for the study in "Crisis management- tourism sector",

Institute of National planning, 1995/96-96/1997.

9) Developing an information system for the project of "Automization of Institute of National Planning researches", 1995/96 - 97/1998.

10) Developing bibliography data base of the development and planning literature in half century (1950-2000), Institute of National planning, 1995/1996.

11) Developing a database for "Human Development", Institute of National Planning, 1995.

12) Developing a database system (ADS) for "Rural development in Sudan", F.A.O, 1994.

13) Participating in the project for "Developing an information system for research activities in Institute of National Planning", 1993-1994.

14) Developing a data base for the study "Planning decision making development in maritime transportation sector in Egypt", Industrial Planning Centre, 1991.

(3) Other publications

1) Planning for the development of vocational teacher: a teacher of basic education the Institute of National Planning, 2014.

2) The role of NGOs in supporting the process of basic education, the Institute of National Planning, 2013.

3) Use the information to measure the application of the Six Sigma method in sector of Spinning, Textile and Readymade Cloths in 10th of Ramadan City, Egyptian Review of Development and Planning, Institute of National Planning, Feb. 2013.

4) Reality and prospects for the development of women's statistics in the Arab countries, Egyptian Review of Development and Planning, Institute of National Planning, Jan. 2013.

5) Study of the domestic market for food commodities, the Institute of National Planning, 2012/2013.

6) E-government between the theory and application in Egypt, Egyptian Review of Development and Planning, Institute of National Planning, Apr. 2011.

7) Knowledge Management, Egyptian Review of Development and Planning, Institute of National Planning, 2010.

8) Information technology and development, ALECSO Organization, 2009.

9) The Impact of Information Technology on Privacy, Egyptian Review of Development and Planning, Institute of National Planning, 2009.

10) Knowledge economy and knowledge society, The Arab institution for planning, Kuwait, 2008.

11) Information Society and the opportunities of development in Arab Countries, National Authority for Remote Sensing and Space Sciences "NARSS", 2008.

12) Environmental resources and sustainability development, Institute of National Planning, 2007.

13) Statistical Analysis by SPSS, Faculty of Arts , Ain Shams University, 2006.

14) Information systems, Faculty of Arts , GIS department, Ain Shams University, 2005.

15) Software engineering, Institute of National Planning, 2004.

16) Introduction in knowledge discovery and data mining, Institute of National Planning, 2003.

17) Environmental information system, Institute of National Planning, 2002.

18) Systems analysis and design, Institute of National Planning, 2001.

19) Introduction to ORACLE Database, Institute of National Planning, 2000.

20) Statistical analysis by SPSS, Faculty of Agriculture – Ain Shams University, 1996.

21) Database systems, Institute of National Planning, 1989.

(4) Conferences and seminars

A. Conferences

1- Integrated development in Sinai: vision of reality and future planning, organized by National Authority for Remote Sensing and Space Sciences (NARSS), Egypt-Cairo,19-20 September 2011.

2- The international conference entitled "The impact of information and integrated statistical system on socio-economical development", organized by The Department of Economic Development-Government of Ras Al-Khaimah in collaboration with the College of Business & Economics – united Arab Emirates University, 8 – 10 November 2008.

3- The fourteen scientific conference for Information and Computers Technology, Al-Sadat Academy for managerial sciences, 13/2 – 15/2/2007

4- The first conference for studies and environmental researches about the present and future problems, Institute of environmental studies & researches, 24/2 – 26/2/2007.

5- The nineteenth annual conference for statistics and modeling, faculty of economic and policies sciences, 27/3-28-/3/2007.

6- The thirty-one annual conference for statistic, computer sciences and operation research, Institute of National Planning, 1/4- 6/4/2006.

7- The priorities of industrial investment in Egypt, Institute of National Planning, 19/5 – 20/5/2005

8- The thirteen annual conference for statistic, computer sciences and operation research, Institute of National Planning, 3/12-6/12/2005.

9- The twenty-ninth annual conference for statistic, computer sciences and operation research, Institute of National Planning, 11/12-14/12/2004.

B. Seminars

1- Seminar on a project proposal for an AGRO-ICT- Infrastructure in Egypt, Organized by the National Authority for Remote Sensing and Space Sciences (NARSS) and the Commercial Office of the Austrian Embassy in Cairo, Egypt-Cairo 3/10/2012.

2- Integrated management for clean environment, Institute of National Planning, 4/4/2006.

3- Youths, the information and globalization, Institute of National Planning, 3/11/2003.

(5)Training and Education Activity

- Training Courses for undergraduate students and postgraduate (Information centers, Data warehouse & Data mining, Knowledge Economy, System analysis & design) in Sadat Academy for administration sciences, from 1-10-2010 – present.

- Training Courses for undergraduate students (Oracle10g, and System analysis and design, Statistical Analysis) **in Delta Academy of science- Delta Higher Institute for Computers, Mansoura University**, from 20-9-2008 - present.

- Training Courses for post and undergraduate students (SPSS (Statistical Analysis), Oracle9i & 10g, and Operation research) **in the Faculty of Commerce – Computers Unit- and Faculty of Arts-GIS Unit-, Ain Shams University**, from 2003 - present.

- Training Courses for staff (Oracle 10g , systems analysis & design, Operation research and statistical analysis (SPSS)) in National Authority for Remote Sensing & Space Sciences (NARSS), 10/2/ - 15/5/2008
- Training Courses on projects evaluation, information systems, statistical analysis, systems analysis & design, computer applications (Oracle9i & 10g, SPSS and MS Office 2000/XP/2003) organized by **Institute of National Planning**, from 1993 till now.
- Training courses (Information Systems, systems analysis & design, Operation research and statistical analysis (SPSS)) organized by institute of national planning in cooperation with the international organization **(F.A.O, ESCWA, FRIEDRICH EBERT, ISESCO AND UNITED NATIONS)**, from 1992 2002.
- Training Courses (Statistical analysis (SPSS) and MS Office 2000/XP/2003) **in High Institute of Agricultural Cooperation (Agribusiness Center - Computer Unit)**, from 1990- 2006.
- Training Courses (Information Systems, Systems Analysis & Design, Oracle9i & 10g, Clipper, FOX Pro, Statistical analysis (SPSS) and MS Office 2000/XP/2003) **in the Central Agency for Organization and Administration**, from 1988 - present.
- Training Courses (Information Systems, Systems Analysis & Design, Oracle9i & 10g, Clipper, FOX Pro, SPSS (Statistical analysis) and MS Office 2000/XP/2003) **in some private centers**, from 1987 -present.