

Name : Ayman Mohamed Rashad El-Shehaby
Nationality : Egyptian
Date of birth : 9th of December 1967
Marital status : Married
Profession : Ass. Prof. Dr. Eng. at Surveying department, Shoubra Faculty of Engineering, Benha University.
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1- Key Qualifications:

Since 1989 the experience has been gained in many different fields of Surveying (Cadastral, Topographic, Geometrical Geodesy, Satellite imagery, Remote Sensing, GIS, Computer, Computer programming). The academic experience has been gained through the university under & post-graduate courses teaching, and through many technical published papers. The practical experience has been gained through the field projects of different aspects. The managerial administrative and decision making skills has been gained from the managerial posts.

2- Academic Degrees

Under-graduate : B.Sc. in Civil Eng., Surveying branch, Shoubra Faculty of Eng., Benha University.
(Cairo, Aug. 1989)

Post-graduate : M.Sc. in Survey Engineering.(Cairo, Jan. 1993)

Diploma in Integrated map and Geoinformation Production. (The Netherlands, Dec. 1993)

Ph.D. in Survey Engineering (GIS & Remote sensing). (Cairo, 1997)

Ass. Prof. in Surveying Engineering. (Cairo, June 2007)

3- Employment Degrees

- Nov. 1989 - Apr. 1990 : Field Engineer at Greater Cairo Utility Data Centre.
- Apr. 1990 - Mar. 1993 : Administrator at Shoubra Faculty of Engineering, Surveying Department.
- Apr. 1990 - dec. 1992 : AutoCad, AutoSektech, 3D Design, Windows, MSWord, Excel, Word Perfect, DOS, FORTRAN Language and Basic Language at ICL, ICS, Compuwood, Alexandria computers, InfoCAD (the free Zone, Nasr City).

- Mar. 1993 – 1997 : Assistant Lecturer at Shoubra Faculty of Engineering, Surveying Department.
- June 1997 – June 1998 : Part time participation at NARRS as consultant at the GIS Dept.
- May 1999 – Aug. 2004 : Full time participation at NARRS as Supervisor of the Surveying Dept. And Vice-Dean of the aviation and aerial photography division.
- Jan. 1999 – Dec. 2003 : Surveying Consultant at Wady El-Nile for construction and investments.
- June 1999 – Feb. 2001 : Surveying & Civil Consultant at الجمعية التعاونية لبناء المساكن للعاملين بمجلس الدفاع الوطني وعائلاتهم.
- June 2000 – Now : General Consultant at الجمعية التعاونية لبناء المساكن وتعمير صحراء الأهرام (حدائق الأهرام).
- Jan. 1999 – 2005 : GIS Consultant at the Security agent R&D computer Section.

- Sep. 1997 – 2007 : Lecturer at Shoubra Faculty of Engineering, Surveying Department.
- June 2007 – Now : Ass. Prof. at Shoubra Faculty of Engineering, Surveying Department.
- June 2009 – May 2012 : Full time participation at NARRS as Head of the aviation and aerial photography division.
- April 2012 – Now : Member of the national mapping committee.
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4- Professional Experiences:

- Establishment of first order Triangulation Network in Cairo using a combination of traditional and GPS observations, 1989.
- Establishment of Horizontal Ground control for al-Obour city, 1996.
- Surveying and producing topographic maps for 2000 fed. for Al-Obour city, 1996.
- Surveying and producing Cadastral maps for 2000 fed. for AL-Obour city, 1996.
- Setting-out of roads and land parcels for Al-Obour city, 1997.

- Civil engineering Construction works in many different Private projects, 1998.
- Supervising Surveying works for some different Civil Private projects, 1998.
- Supervising Surveying project at South valley (Aswan, Abou-simble) and producing Cadastral maps for ministry of monuments, 1999.
- Supervising Laser Scanning project of Manshit-Nasser and Old-Cairo, 1999.
- Supervising Khofo pyramid surveying observations for the preparation for the 2000 festival, 1999.
- Supervising mapping national project for villages' border (using Satellite images, aerial photography and field survey) at NARSS, 2002.
- Supervising (as consultant) the construction of many private construction projects, 2002-2009
- Supervising the production of maps (using Satellite images) and the GIS analysis of the suitability study of the area of New Mansour at NARSS, 2009.
- Supervising the production of maps (using Satellite images) and the GIS analysis for production of suitability study of the area of West of Aswan at NARSS, 2009.
- Finalizing the Aerial photography of the delta project at NARSS, 2010.
- Supervising the production of maps and the GIS analysis for the production of suitability study of the area of Shark Eltafriaa (New Port Saied) at NARSS, 2010.
- Supervising the pre-planning of the flight missions (aerial camera, laser scanner and Hyper-spectral camera)at NARSS, 2009-2012.
- Supervising the suitability study of the area of Baltim at NARSS, 2011.
- Supervising the production of maps and the GIS analysis for the

production of detailed planning for the area of Shark Eltafriaa (New Port Saied) at Moharram Bakhoon, 2017.

- Supervising the property maps of Wadi Alnatroon (Behera governorate) at NARSS 2018.

5- Teaching experience:

- Computer course (applied sections) for under-graduate students at Shoubra faculty of engineering, 1990 until 1992.
- GIS course for post-graduate students at Shoubra faculty of engineering, 2003-2015.
- Carography course for post-graduate students at Shoubra faculty of engineering, 2003-2004.
- GIS course for post-graduate students at Cairo university faculty of economy and political science, 2003-2008.
- Computer course for under-graduate students at Shoubra faculty of engineering, 2005, 2008.
- GIS course for under-graduate students at Shoubra faculty of engineering, 2003-2018.
- DTM course for under-graduate students at Shoubra faculty of engineering, 2003-2018.
- Surveying course for under-graduate students at the higher institute of Architecture and civil engineering 15th of May city, 2006.
- Remote sensing course for post graduate students at Shoubra faculty of engineering, 2012-2018.
- Technical writing for post graduate students at Shoubra faculty of engineering, 2016.
- Member of the Supervision and discussion committee of many MSc. and Ph.D. thesis 1999-2018.