

## **Eng. Amira A. Abdel Aziz, Urban Planner & GIS Specialist - General Organization for Physical Planning.**

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Since 2005 and over 17 years, I have worked with consulting Offices, El-Wadi Academy, and General Organization for Physical Planning (GOPP), Participating in works related to Geographic Information System (GIS) such as; Design geodatabase model including Domains and subtypes, Collect data, unify and migrate data into one geodatabase, GIS Quality assurance (QA) and quality control (QC) for data, spatial analysis, and GIS online. In addition, participating in preparation and designing of urban indicators within the work of the National Urban Observatory (NUO) and the local observatory network, participating in many planning projects at the regional and local level, and writing technical reports with proficient use of computer. Moreover, working as a coordinator and a team leader in projects has enhanced my skills especially planning and organizing activities as well as interpersonal skills including communication skills, meeting management, problem solving, and team building.

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**Jan. 2022 till date:** Urban Planner, GIS expert at Planning and urban development sector, General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities (MHUUC), Egypt.

**Nov. 2021 till date:** Member of the committee responsible for geo-referencing of the approved urban boundary for all urban communities (cities, villages, ...) in all governorates of the Republic, and uploading them within a enterprise geodatabase.

**Feb. 2021 till Mar. 2022:** Member of the technical secretaries of the permanent committee which responsible for approving urban boundary for cities & villages of the Republic.

**Mar. 2018 till Jan. 2022:** Urban Planner, GIS expert at Information & Decision Support Center (IDSC), General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities (MHUUC), Egypt.

**May 2006 till Mar. 2018:** Urban Planner at National Urban Observatory (NUO), General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities (MHUUC), Egypt.

**Sep. 2018 till date:** Assistant Lecturer Urban and Regional Planning, Geographic Information System (GIS) at Architecture Department - El Wadi Academy.

**Jan. 2007 till Mar. 2020:** Team member of Reviewing Strategic & Detailed Plans for the Egyptian Cities.

**Aug. 2016 till Mar. 2020:** Team member of Urban Development Pillar Working Group for Sustainable Development Strategy: Egypt Vision 2030

**May 2014 – Nov. 2015:** Team member of Preparation Egypt National Report 2016 Presented to United Nations Conference on Housing and Sustainable Urban Development (Habitat III).

**2012 till 2015:** registered as a GIS trainer at General Organization for Physical Planning (GOPP).

**2010- 2011:** Team member of the Technical Secretariat of the Committee "Preparation of the preliminary drafting of a capital law" - GOPP; MHUUC; Egypt.

**2009 – 2010:** Team member of working group of preparing the technical report and presentation to the awards of the Organization of Islamic capitals and cities in the field of municipal projects and services - regional and urban planning for 2010 - GOPP; MHUUC; Egypt.

**May 2006 – Feb 2016:** Team member of Technical Secretariat of the Committee for many conferences, seminars and workshops at the international, regional, Arab and local levels.

**Sep. 2005 – May 2006:** Urban Planner - Al-Sabah Company for Engineering and Contracting.

**2003 – 2004:** Urban and Social Surveyor - German Technical Cooperation Agency (GTZ)

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## Detailed Experience:

**Jan. 2022 till date:** Urban Planner, GIS expert at Planning and urban development sector, General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities (MHUUC), Egypt.

Participate in the follow-up of some of the activities of the planning and urban development sector related to preparing of the strategic plans and urban boundary for villages and 'ezab' through:

- Preparing database using power query in excel.
- Set up dashboards using power BI.
- Preparing the necessary reports.

Participating in process of tendering and assigning project of the updating of strategic plans for a number of villages to consulting offices

Participation in building of decision support system based Arc GIS for categorize urban Development and Upgrading Areas applying on all cities of Republic, cooperation with GIZ & urban development Fund.

**Mar. 2018 till Jan. 2022:** Urban Planner, GIS expert at Information & Decision Support Center (IDSC), General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities (MHUUC), Egypt.

Indeed, I have started working at Information & Decision Support Center from **2010 till Jan. 2020** as Urban Planner & GIS expert through project "Spatial Development of Egypt (SpaD)" – GOPP; MHUUC; Egypt. That through participation in;

- Design and develop the project's geodatabase model (scheme).
- Collect data and migrate data to project's geodatabase model (scheme).
- Quality assurance and quality control for data of the project.
- Review and develop application of the project (GIS Enterprise System).
- Review of glossary of technical terms and its compatibility with the project's geodatabase (scheme).

**May 2006 till Mar. 2018:** Urban Planner at National Urban Observatory (NUO), General Organization for Physical Planning (GOPP), Ministry of Housing, Utilities and Urban Communities (MHUUC), Egypt.

**2009 till date:** Urban Planner, GIS analyst through activity "State of Urban environment and housing indicators" within project of mechanisms for the development of the strategic plan for the development of southern Egypt in cooperation between the United Nations Development Program in Cairo (UNDP) & GOPP-GOPP; MHUUC; Egypt. That through participation in;

- Design field survey, brokers, and localities forms to obtain preliminary data.
- Distribution of samples by using Hawth's tool in GIS
- Field survey, data collection and mapping (GIS)
- Designing and preparing urban indicators and linking them to geographic information systems (GIS)
- Preparation of statistical analyzes using SPSS
- Preparing reports for studied cities.

**2006 - 2008:** Urban Planner through project "Preparation of an overview of housing issues and monitoring changes in the housing market "in cooperation between Canada Mortgage and Housing Corporation (CMHC) & GOPP - GOPP; MHUUC; Egypt.

**2006 - 2008:** Urban planner, Urban and social surveyor through project "Establishing Systems for Monitoring and Evaluating Land Development Policies in Egypt" in cooperation between Korean International Cooperation Agency (KOICA), the Korean Research Institute for Human Settlements (KRISHS) and GOPP. That through participation in Field survey, data collection and mapping (GIS)

**Jan. 2007 till Mar. 2020:** Team member of Reviewing Strategic & Detailed Plans for the Egyptian Cities.

**2007 till Mar. 2020:** Urban Planner, GIS Reviewer through project "Preparing the General Strategic Plans for Egyptian cities" – GOPP; MHUUC; Egypt. That through participation in;

- Quality assurance and quality control for geodatabase of the cities.
- Review urban and housing studies and future visions for the strategic plans of some cities.
- Preparing and updating the required indicators to prepare the strategic plan for Egyptian cities and review their data for some cities.

**2012 - 2013:** Urban Planner, GIS Reviewer through project "Preparing the Detailed Plans for Egyptian cities" – GOPP; MHUUC; Egypt. That through participation in;

- Design and develop the project's geodatabase model.
- Quality assurance and quality control for geodatabase of the cities.
- Review the mapping of the cities as viewpoint of urban planner

**Aug. 2016 till Mar. 2020:** Team member of Urban Development Pillar Working Group for Sustainable Development Strategy: Egypt Vision 2030

- Revising and editing goals, objectives, challenges, programs and KPI's
- Mapping Sustainable Development Goals (SDG's), Sustainable Development Strategy: Egypt Vision 2030 Goals, Programs, KPI's, and Government Plan 2018/2022

**May 2014 - November 2016:** Team member of Preparation Egypt National Report 2016 Presented to United Nations Conference on Housing and Sustainable Urban Development (Habitat III).

- Communicate with Consultant and UN-Habitat Team.
- Participated in data collecting & Writing 7th Chapter "Indicators".
- Revising, Editing and formatting the Final Report.

**2012 till 2015:** registered as a GIS trainer at GOPP; MHUUC; Egypt. In addition, participate in the preparation of training programs for GOPP's employees and local administrations such;

- Querying Microsoft SQL server 2012.
- How to conduct the field survey through NUO's forms.
- Statistical analysis for housing indicators by using SPSS program.

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**Bio Data:**

Full name : Amira A. Abdel Aziz  
Date of birth : September 03<sup>th</sup> 1983  
Nationality : Egyptian  
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**Education:**

**A- Degree(s) or Diploma(s) obtained:**

Institution, country	Attended (Date from - Date to)	Degree(s) or Diploma(s) obtained
Ain Shams University & National Authority for Remote Sensing & Space Sciences	Sep/2019 - July/2021	Diploma student at Remote Sensing & Geographic Information System
French University in Egypt with Eslsca Business School, Egypt	Jan/2016 - Dec/2017	Master of Business Administration (MBA)
Faculty of Urban and Regional Planning, Cairo University, Egypt	Sep/2000 - May/2005	Bachelor of Urban and Regional Planning.

**B- Post-qualification training courses / learning activities (latest first)**

Institution, country	Attended Date	Certificates
Esri Northeast Africa, Egypt	Jul. – September 2023	<ul style="list-style-type: none"> <li>- Spatial analysis, imagery analysis with Arc GIS Pro.</li> <li>- Sharing ArcGIS Content on the web, Configuring App &amp; web app builder for Arc GIS, Geoportal content management, &amp; Arc GIS enterprise: Configuring a base deployment.</li> <li>- Creating python scripts for Arc GIS &amp; Arc GIS API for Python for Arc GIS.</li> <li>- Machine &amp; deep learning for Arc GIS.</li> </ul>
Faculty of Urban and Regional Planning, Cairo University, Egypt	Feb. 2023	The institutional and regulatory framework for urban development and planning management
Faculty of Urban and Regional Planning, Cairo University, Egypt	Oct. 2022	The legislative framework for the Department of Development and Urban Planning
National Center for Housing and Building Research	Oct. 2022	- Basic of Arc GIS Pro
Faculty of Urban and Regional Planning, Cairo University, Egypt	Oct. 2018	Remote Sensing
Esri Northeast Africa, Egypt	March/2018	<ul style="list-style-type: none"> <li>- ArcGIS for Sharing Content on the web</li> <li>- ArcGIS for Server: Site Configuration and Administration</li> </ul>
Edge Pro Company, Egypt	May/2016	3D Geospatial Data Applications/ Industries
New Horizons Center to teach computers, Egypt	Feb -May/2014	<ul style="list-style-type: none"> <li>- "10778A - Microsoft SQL server Analysis 2012"</li> <li>- 10776A - Microsoft SQL server Developing 2012"</li> <li>- "10775A - Microsoft SQL server Administering 2012"</li> <li>- "10774A - Microsoft SQL server Querying 2012" program</li> </ul>

Institution, country	Attended Date	Certificates
Global cities indicators Facility (GCIF) and Arab Urban Development Institute (AUDI), Jordan.	Feb/ 2013	standard indicators and Urban Development in the Arab Cities
General Organization for Physical Planning (GOPP), Egypt.	May/2012	GIS Data Migration, Quality Control
General Organization for Physical Planning (GOPP), Egypt.	July/2011	GIS 9.3 Advanced
General Organization for Physical Planning (GOPP), Egypt.	Jan/2011	Strategic Urban Planning Process for cities
United Nations Human Settlements Programme (UN-Habitat) and the Economic and Social Commission for Western Asia (ESCWA), Lebanon.	Oct/2010	Western Asia and Northern Africa City Census Data Analysis
Ministry of communications, Egypt.	Nov /2008	International computer driving license (ICDL)
Korea Research institute for human settlements (KRIHS) and Korea international cooperation agency (KOICA), Korea.	March/2007	land development and management policy
KRIHS, KOICA and GOPP - Egypt.	Oct/2007	development and land management policies - using geographic information systems (GIS)

**Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing	Understanding
Arabic	1	1	1	1
English	2	3	2	2

**Computer Skills:**

- Arc GIS On-line/ Arc GIS enterprise
- Arc GIS/ Arc GIS Pro
- Power Bi
- Adobe Photoshop
- Auto CAD
- SPSS
- Microsoft Office (Word-Excel (Advanced)-PowerPoint)
- MS Project
- AutoPlay Studio
- Python
- HTML & CSS
- JavaScript

**Membership of professional bodies:**

- Member of the Egyptian Syndicate of Engineers since 2005.