



## Curriculum Vitae

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**Name:** Ashraf Zakaria Mohamed El-Abd

**Place of Birth:** Arab Republic of Egypt

**Date of Birth:** September 11, 1967

**Current Position:** Professor and Head of the Department of Geography, Faculty of Arts, Helwan University.

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### Specialization:

- **General Specialization:** Human Geography
  - **Specific Specialization:** Population Geography & Demography
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### Academic Qualifications:

- B.A. in Arts, Department of Geography, Faculty of Arts, Tanta University, 1990.
  - M.A. in Geography, Department of Geography, Faculty of Arts, Tanta University, 1996.
  - Diploma in Demography, Demographic Center, Cairo, 1997.
  - Ph.D. in Geography, Department of Geography, Faculty of Arts, Alexandria University, 2001.
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### Career Progression:

- Cartography Instructor, Department of Geography, Faculty of Arts, Tanta University, from May 5, 1993 to November 23, 1998.
- Assistant Lecturer, Department of Geography, Faculty of Arts, Helwan University, from November 24, 1998 to January 18, 2002.

- Lecturer, Department of Geography, Faculty of Arts, Helwan University, from January 19, 2002 to April 26, 2010.
- Associate Professor, Department of Geography, Faculty of Arts, Helwan University, from April 27, 2010 to March 25, 2019.
- Professor of Population Geography & Demography, Department of Geography, Faculty of Arts, Helwan University, from March 26, 2019 to present.
- Head of the Department of Geography, Faculty of Arts, Helwan University, from October 4, 2024 to present.

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## **First: Research Activities**

### **1. Theses and Scientific Research:**

- *Internal Migration in Greater Cairo Region During the Period 1976–1986: A Demographic Study*, Unpublished Master's Thesis, Tanta University, 1996.
- *Population Changes in El-Mahalla El-Kubra City from 1927 to 1996: A Study in Population Geography*, Unpublished Ph.D. Dissertation, Alexandria University, 2001.
- *Applications of Demographic Software in Population Geography*, Journal of the Faculty of Arts, Helwan University, Issue 17, January 2005.
- *Some Characteristics of Migrants to Kafr El-Sheikh Settlement in Marsa Matrouh City: A Study in Population Geography*, Journal of the Faculty of Arts, Helwan University, Issue 18, July 2005.
- *Characteristics of the Tourism Labor Force in Hurghada City: A Study in Population Geography*, Journal of the Faculty of Arts in Damanshour, Alexandria University, Issue 32, September 2009.
- *Female Marriage Age in Tanta District – A Demogeographic Analysis*, Saudi Arabia, *Bulletin de la Société de Géographie d'Égypte*, Vol. 83, 2010.
- *The Evolution of Population Size and Urban Space in Sirte City, Libya*, Journal of the Center for Geographical and Cartographic Research, Menoufia University, Issue 17, March 2010.

- *A Demogeographic Analysis of Population Growth in the Makkah Al-Mukarramah Region, Saudi Arabia, Bulletin de la Société de Géographie d'Égypte*, Vol. 88, 2015.
- *Changes in Population Growth and Urban Space in Makkah City, Saudi Arabia, Bulletin de la Société de Géographie d'Égypte*, Vol. 89, 2016.
- *Assessing the Impact of Environment on the Population Map of Makkah City*, Journal of the Center for Geographical and Cartographic Research, Faculty of Arts, Menoufia University, Special Issue No. 24, 2017.
- *Population Concentration Trends in Makkah City in Light of Environmental Challenges*, Journal of the Center for Geographical and Cartographic Research, Faculty of Arts, Menoufia University, Issue No. 26, 2018.
- *Marriage Timing in Egypt – A Demogeographic Study*, Journal of the Faculty of Arts, Menoufia University, Issue No. 116, January 2019.
- *Planning for Primary Education in Cairo Governorate from a Geographical Perspective*, Journal of the Faculty of Arts, Menoufia University, Issue No. 117, April 2019.

## **2. Training Courses:**

- TOEFL Course, from 14/02/1998 to 05/04/1998, University of Alexandria.
- University Teacher Preparation Course, Helwan University, 1999.
- Course on University Curriculum Design, from 19–20/02/2006, Helwan University.
- Credit Hour System Course, from 01–02/03/2006, Helwan University.
- Course on International Scientific Publication, from 01–02/07/2009, Helwan University.
- Strategic Planning Course, from 05–07/07/2009, Helwan University.
- Effective Presentation Skills Course, from 08–09/07/2009, Helwan University.
- Competitive Research Projects Course, from 12–14/07/2009, Helwan University.
- Course on Digital Image Processing (RS2), from 09–13/08/2009, at the National Authority for Remote Sensing and Space Sciences.

- Working Under Psychological Pressure Course, from 11–12/07/2017, Faculty and Leadership Development Center (FLDC), Helwan University.
- Self-Evaluation Course, from 16–17/07/2017, FLDC, Helwan University.
- Scientific Publishing Course, from 18–19/07/2017, FLDC, Helwan University.
- Academic Advising Course, from 30–31/07/2017, FLDC, Helwan University.
- Strategic Planning Course, from 01–02/08/2017, FLDC, Helwan University.
- Communication Skills in Different Teaching Styles Course, from 06–07/08/2017, FLDC, Helwan University.

### **3. Scientific Seminars and Conferences:**

- Seminar on Geography and Regional Planning, Department of Geography, Faculty of Arts, University of Alexandria, February 1992.
- Seminar on Water in the Arab World, Egyptian Geographical Society, Cairo, 26–28 November 1994.
- Seminar on Modern Trends in Geography, Department of Geography, Faculty of Arts, University of Alexandria, March 1995.
- Seminar on Administrative Divisions in Egypt, Supreme Council of Culture, Cairo, 25 March 1998.
- Seminar on Towards a New Map for the Egyptian Built Environment, Egyptian Geographical Society, 15–17 April 1998.
- Seminar on Informal Settlements in Egypt, Supreme Council of Culture – Geography Committee, Cairo, May 2000.
- Seminar Honoring Professor Dr. Suleiman Hazin, Department of Geography, Faculty of Arts, University of Alexandria, 26 July 2000.
- Seminar on Informal Settlements in Egypt, Geography Committee, Supreme Council of Culture, 8 February 2001.
- Seminar on Egyptian Countryside – Present and Future, Geography Committee, Supreme Council of Culture, 19–20 May 2001.
- Seminar on the Geographical Dimensions of the Conflict in Afghanistan, Egyptian Geographical Society, 28 February 2002.

- Seminar on Development and Environment in Egypt, Department of Geography, Faculty of Arts, Cairo University, 30 April 2002.
- Seminar on Population and Development Issues, Demographic Center in Cairo, 17–20 December 2002.
- Seminar on Geography in a Changing World (Honoring Professor Dr. Abdel-Fattah Mohamed Wahiba), Department of Geography, Faculty of Arts, University of Alexandria, July 2003.
- Seminar on Humans and the Environment – Where To? (Honoring Professor Dr. Gouda Hassanein Gouda), Department of Geography, Faculty of Arts, University of Alexandria, July 2004.
- Seminar on Egypt's Deserts – Hope for the Future (Honoring Professor Dr. Fathi Abdel Aziz Abu Radi), Department of Geography and GIS, Faculty of Arts, University of Alexandria, July 2007.
- First Annual Conference: Water Resources in Egypt – Between Available Potentials and Future Challenges (Honoring Professor Dr. Mohamed Medhat Gaber Abdel Galil), Department of Geography and GIS, Faculty of Arts, University of Alexandria, July 2008.
- Second Annual Conference: Geography and Contemporary Global Changes (Honoring Professor Dr. Isa Ali Ibrahim), Department of Geography and GIS, Faculty of Arts, University of Alexandria, July 2009.
- International Annual Conference: Arab Tourism in a Changing World (On the Occasion of the Golden Jubilee of the Cartography and Surveying Division), Department of Geography and GIS, Faculty of Arts, University of Alexandria, 21–24 July 2010.
- International Annual Conference: Water Resources and Development Issues in the Arab World (Honoring Professor Dr. Fayez Mohamed El-Eisawy), Department of Geography and GIS, Faculty of Arts, University of Alexandria, 25–26 July 2011.
- Fourteenth Annual Conference: Geography and Political Transformations in the Arab World (Honoring Professor Dr. Mohamed El-Fathy Bekir), Department of Geography and GIS, Faculty of Arts, University of Alexandria, 7–8 July 2012.

- International Geographic Conference: Geography and Contemporary Global Changes, held at the Department of Social Sciences, College of Arts and Humanities, Taibah University, Kingdom of Saudi Arabia, 20–23 Rajab 1434 AH / 1–4 May 2013.
- International Conference on Environment, Population, and Development in the Islamic World, held at Al-Azhar University under the auspices of the Association of Islamic Universities in cooperation with the Egyptian Geographical Society, 13–15 December 2016.
- Seminar on Egypt's 2017 Census, Faculty of Arts, Helwan University, 26 March 2017.
- Annual Conferences of the Demographic Center in Cairo since 1997.

#### **4. Membership in Scientific Societies:**

- Member of the Egyptian Geographical Society.

#### **5. Technical Expertise:**

- Supervised the Cartography and Surveying Laboratory, Department of Geography, Faculty of Arts, Helwan University, from 2001 to 2006.
  - Currently supervising the Digital Mapping Laboratory and Surveying Laboratory, Department of Geography, Faculty of Arts, Helwan University, since 2023.
  - Currently supervising the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Helwan University, since 2023.
  - Designed surveying software and implemented it with fourth-year students of the Cartography and Surveying Division during the academic year 2023–2024. The software was used in the surveying project conducted by the students for mapping the *Al-Hurafeen* area in Hurghada city.
  - Supervised the Cartography and Surveying Laboratories, Department of Geography, Faculty of Arts, Helwan University, from 2023 to 2024.
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## **Second: Teaching Activities**

### **1. Teaching Experience**

#### **Undergraduate Level:**

*Department of Geography, Faculty of Arts, Helwan University:*

- Population Geography
- Human Geography
- Principles of Statistics
- Principles of Cartography and Surveying
- Distribution Maps
- Regional Planning
- Human and Economic Geography of Egypt
- Plane Surveying
- Geodetic Surveying
- Aerial Surveying

*Geomatics and Geographic Information Systems (GIS) Program, Faculty of Arts, Helwan University:*

- Aerial Surveying
- Plane Surveying
- Principles of Surveying
- Introduction to Remote Sensing
- Geographic Distribution Maps
- Cartographic Graduation Project
- Population Geography
- Geographic Texts in a European Language 2

*Department of History, Faculty of Arts, Helwan University:*

- Political Geography
- Geography of the Arab World

*Department of Sociology, Population and Family Planning Division, Faculty of Arts, Helwan University:*

- Advanced Demographic Statistics
- World Population

- Censuses and Population Surveys

*Geography, History, and Social Studies Divisions, Faculty of Education, Helwan*

*University:*

- Human Geography (Races and Populations)
- Cartography
- Population Geography

*Department of Geography, Faculty of Arts and Sciences, Al-Tahadi University, Sirte,*

*Libya:*

- Plane Surveying
- Human Geography
- Population Geography
- Statistics
- Regional Planning

*Department of Geography, College of Social Sciences, Umm Al-Qura University,*

*Kingdom of Saudi Arabia:*

- Population Geography
- Statistics
- Geography of the Arab World
- Geography of the Islamic World

### **Postgraduate Level:**

- Taught courses such as "Contemporary Trends in Population Geography" and "Human Geographic Texts" to Master's degree students.

### **2. Survey Projects and Field Studies (1992–2024):**

- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Tanta University, in 1992 to Aswan for the "Survey Project of El-Nabatat Island."
- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Tanta University, in 1994 to Alexandria for the "Survey Project of the International Garden."

- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Tanta University, in 1996 to Aswan for the "Survey Project of the Tropical Garden."
- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Tanta University, in 1998 to Arish for the "Survey Project of Wadi Al-Qareea."
- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Helwan University, in March 2003 to Marsa Matruh and Siwa Oasis.
- Supervised the scientific field trip for third-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Helwan University, in April 2003 to South Sinai Governorate.
- Supervised the scientific field trip for fourth-year students of the Department of Geography, Faculty of Arts and Sciences, Al-Tahadi University, Sirte, Libya, in 2007 in the city of Sirte.
- Supervised the scientific field trip for fourth-year students of the Department of Geography, Faculty of Arts and Sciences, Al-Tahadi University, Sirte, Libya, in 2008 in the city of Al-Heesha.
- Supervised the scientific field trip for third-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Helwan University, in April 2009 to Bahariya Oasis.
- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Helwan University, in May 2023 to Hurghada city for the "Survey Project of the Al-Hijaz Subdivision."
- Supervised the scientific field trip for fourth-year students of the Cartography and Surveying Division, Department of Geography, Faculty of Arts, Helwan University, in April 2024 to Hurghada city for the "Survey Project of the Craftsmen Area."

### **3. Supervision and Discussion of Academic Theses:**

- Member of the Master's thesis defense committee for student Salama Moukhaimer El-Sayed, titled "*Idku Center: A Study in Population Geography*," Department of Geography, Faculty of Arts, Damanhour University, 2015.
- Member of the PhD thesis defense committee for student Mohamed Taha Abdel-Hamid, titled "*Spatial Analysis of Deteriorated Urban Clusters in Beni Suef City*," Department of Geography, Faculty of Arts, Helwan University, 2021.
- Supervisor of the Master's thesis for student Hesham Mohamed Abdel-Rabbu, titled "*Population Changes in Cairo Governorate During the Period 1986–2017: A Demographic Study*," Department of Geography, Faculty of Arts, Helwan University, 2022.
- Member of the PhD thesis defense committee for student Fatma Anwar Zaki Ahmed, titled "*Population Changes in the Southern Upper Egypt Region (1976–2017)*," Department of Geography, Faculty of Arts, Helwan University, 2024.
- Coordinator of the Geography Department Seminar, Faculty of Arts, Helwan University, for the academic years 2017–2018 and 2023–2024.

### **4. Student Engagement:**

- Dedicated eight office hours per week to meet students from the Faculties of Arts and Education to answer their questions about the academic courses.
  - Dedicated eight office hours per week for one-on-one meetings with fourth-year students, Department of Geography, Faculty of Arts, Helwan University, to supervise their graduation projects in population studies.
  - Accompanied fourth-year students from the Department of Geography, Faculty of Arts, Helwan University, to the Central Agency for Public Mobilization and Statistics (CAPMAS) in March 2017 to observe the implementation of the electronic census of Egypt 2017.
  - Founded the "Al-Abd Incentive Award," granted in the first week of October to the top-performing student in the Department of Geography, Faculty of Arts, Helwan University, to encourage academic excellence.
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### **Third: University Activities**

#### **1. Amending, Developing, and Establishing Bylaws:**

- Participated in the amendment and development of the internal bylaws of the Geography Department, Faculty of Arts, Helwan University.
- Participated in the amendment and development of the internal bylaws of the Geography Department, Faculty of Arts and Sciences, Al-Tahadi University, Sirte, Libya, during the academic year 2006–2007.
- Participated in the amendment and development of the internal bylaws of the Geography Department, Faculty of Social Sciences, Umm Al-Qura University, Makkah, during the academic year 1431–1432 AH / 2010–2011 AD.
- Participated in formulating the bylaws of the Geomatics and Geographic Information Systems Program (credit hour system) at the Department of Geography and Geographic Information Systems, Faculty of Arts, Helwan University, during the academic year 2017–2018.

#### **2. Contribution to Curriculum Development:**

- Participated in the design and description of course materials related to Cartography and Surveying in the Geography Department, Faculty of Arts, Helwan University.

#### **3. Membership in University Committees and Academic Councils:**

- Member of the Cultural Committee, Faculty of Arts, Helwan University, during the academic year 2002–2003.
- Member of the Student Affairs Committee, Faculty of Arts, Helwan University, during the academic year 2017–2018.
- Member of the Student Affairs Committee, Faculty of Arts, Helwan University, during the academic year 2018–2019.
- Member of the Department Council of the Geography Department, Faculty of Arts, Helwan University, during the academic years 2002–2003 and 2009–2010.
- Member of the Department Council of the Geography Department, Faculty of Arts, Helwan University, from the academic year 2014–2015 until present.

- Member of the Faculty Council of the Faculty of Arts, Helwan University, during the academic years 2018–2019 , 2019–2020, 2021–2022 and 2024–2025.
- Member of the Distinguished Programs Committee, Faculty of Arts, Helwan University, during the second semester of the academic year 2019–2020.

#### **4. Participation in Examination Activities:**

- Participated in control work and examination supervision committees at the Faculty of Arts, Helwan University, during the periods 2002–2006, 2008–2010, and from 2014 to the present.

#### **5. Administrative Experience:**

- Head of Examination Control from 2017–2020.
- Acting Head of the Geography Department during the second semester of the academic year 2019–2020.
- Designed control management software that was used during tenure as head of control from 2017–2020.

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#### **Scientific Interests:**

Population Geography, Demography, Human Geography, Regional Planning, Human Development, Sustainable Development, Statistics, Aerial Surveying, Plane Surveying, Geodetic Surveying, Hydrographic Surveying, Cartography, Remote Sensing, Geographic Information Systems (GIS).

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