

CV

Personal Information

Name: Ahmed Attia Mousa Mekareb

Date of Birth: 2/12/1991

Gender: Male

Religion: Muslim

Nationality: Egyptian

Marital Status: Married

Mobile: 01147496285

Email: mekareb_ahmed@yahoo.com

Hobbies: Football - Reading

Academic Qualifications

Degree: Bachelor of Arts - Geography

Specialization: Surveying and Cartography

Grade: Very Good with Honors

Year: 2012

University: Helwan University, Cairo, Egypt

Degree: Master's

Specialization: Cartography and GIS

Grade: Excellent

Year: 2017

University: Helwan University, Cairo, Egypt

Degree: PhD

Specialization: Cartography and GIS

Grade: Excellent

Year: 2021

University: Helwan University, Cairo, Egypt

Career Progression

2013: Teaching Assistant, Department of Geography and GIS, Faculty of Arts, Helwan University, Cairo, Egypt

2017: Assistant Lecturer, Department of Geography and GIS, Faculty of Arts, Helwan University

2022: Lecturer, Department of Geography and GIS, Faculty of Arts, Helwan University

Practical Experience and Training Courses

Training students on GIS software at the Center for Languages for Specialized Purposes, Faculty of Arts – Helwan University

Training a group of faculty assistants from Geography, Libraries, and Archaeology Departments on GIS software

Teaching theoretical and practical parts of courses such as (Principles of Mapping and Surveying – Distribution Maps – Aerial Surveying – GIS – Plane Surveying – Geodetic Surveying – Map Projections – GIS Applications – Remote Sensing Applications – Automated Maps and Technical Methods – Topographic Maps – Aerial and Satellite Image Analysis) at the Faculties of Arts and Education

Autocad course from the Training Center at the Egyptian General Authority for Survey

ArcGIS course from the Training Center at the Egyptian General Authority for Survey

12 courses from the Faculty Staff Development Center, Helwan University

Special Skills

Specialized Software: ArcGIS, ArcGIS Pro, Envi, Global Mapper

Engineering Software: SketchUp, AutoCAD

Computer Skills: Word, Excel, Access, PowerPoint

Language: English - Good, Arabic - Native

Scientific Publications

Master's Thesis: Analysis and Updating of Topographic Maps for Minya – Geographic Study – Geography and GIS Department – Faculty of Arts – Helwan University, 2017

PhD Dissertation: Using 3D Interactive Modeling in Representing Digital Maps – Cartographic Study – Geography and GIS Department – Faculty of Arts – Helwan University, 2021

Published Paper 1: Production and Updating of Egyptian Topographic Maps using Remote Sensing and GIS Applications "Digital Map of Tahana El-Gebel Sheet as a Model", Vol. 41, Issue 1, Faculty of Arts Journal, Helwan University, 2016, pp. 333–359

Journal Link: https://kgef.journals.ekb.eg/article_161672.html

Published Paper 2: 3D Interactive Modeling of Topographic Maps in GIS Environment, Arab Journal of Geographical Studies, Vol. 4, Issue 11, Arab Foundation for Education, Science and Arts, 2021, pp. 1–40

Journal Link: https://jasg.journals.ekb.eg/article_198564.html

Published Paper 3: Multi-Scale Cartographic Representation of 3D Virtual City Models "Ain Helwan District, Cairo as a Model", Vol. 5, Issue 12, Arab Foundation for Education, Science and Arts, 2022, pp. 1–42

Journal Link: https://jasg.journals.ekb.eg/article_212522.html

Important Links

Google Scholar:

<https://scholar.google.com.eg/citations?hl=ar&user=xK4FJqgAAAAJ>

Academia: <https://2u.pw/J2vjf>

Facebook: <https://www.facebook.com/ahmed.abomekareb/>

Activities

Seminar Coordinator, Department of Geography, Academic Year 2022–2023

Academic Advisor for Master's Students (Human Geography Division), Academic Year 2023–2024

Academic Advisor for Master's Students (Human Geography Division), Academic Year 2024–2025

Green Office Coordinator, Year 2024