

Dr. Enas Fathy Abou El Regal Mohamed

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Professional Summary

University professor specializing in Applied Geomorphology, Hazard Analysis, and Geospatial Technologies. Combines academic expertise in environmental risk assessment with advanced technical proficiency in GIS, remote sensing (Python, ArcGIS Pro, Google Earth Engine), and web development. Recipient of the Best PhD Thesis Award (2021) with a proven record in delivering high-impact research and dynamic curriculum design.

Education

- **PhD in Geography**
Tanta University, Egypt | 2021
 - **Master of Arts in Hazard Geomorphology**
Mansoura University, Egypt | 2014
Faculty of Arts, Department of Geography | Grade: Excellent
 - **Master's Preparatory Year**
Tanta University, Egypt | 2009
 - **Bachelor of Arts – Geography**
Tanta University, Egypt | 2007
(Surveying and Cartography Division)
 - **Bachelor of Education – Basic Education**
Tanta University, Egypt | 2003
(Specialization: Social Studies)
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Teaching Experience

University Lecturer

King Mariout Higher Institutes | Dec 2021 – Present

- Teach advanced courses: Geomorphological Maps, Hazard Analysis, Quaternary Geography (Pleistocene), and Water/Energy Geography.
- Develop technical curricula for Geological Mapping and Spatial Risk Assessment.

Social Studies Teacher

Ministry of Education, Egypt | 2017 – 2018

- Implemented interactive strategies for national basic education curriculum.
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Certifications & Training

- **Professional Diploma in Remote Sensing & GIS**
Ain Shams University & National Authority for Remote Sensing | 2024–2025
Courses: GIS Modeling, Aerial/Space Photogrammetry, Geostatistics
Project: "Geomorphological Study of Lake Nasser and Toshka Spillway"
 - **Applied GIS & Remote Sensing Program**
National Authority for Remote Sensing (NARSS) | 2025
Tools: ArcGIS Pro, ENVI, Google Earth Engine
 - **Advanced Digital Transformation Course**
Ain Shams University | 2025
Skills: Web Apps (HTML5/CSS3/JavaScript), Cloud-Based Spatial Analysis
 - **Professional Certificates**
 - GIS Mapping & Analysis | Arab Academy (2014)
 - Remote Sensing | Arab Academy (2012)
 - TOEFL ITP (2013) | General English (Advanced, New Horizons, 2012)
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Technical Skills

- **Geospatial Analysis:**
ArcGIS Pro, QGIS, ENVI, Google Earth Engine, ERDAS Imagine
 - **Programming:**
Python (ArcPy, spatial modeling), JavaScript (GEE)
 - **Hazard Specialization:**
Risk terrain modeling, multi-temporal change detection, DEM-based flood simulation
 - **Web Development:**
HTML5, CSS3, JavaScript for scientific visualization
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Languages

- Arabic (Native)
- English (Advanced – TOEFL ITP Certified)