

Contact

- 📅 Date of birth 06/04/1989
📍 Place of birth: Dublin, Ireland

My graduate studies developed my interest in scientific research and strengthened my commitment to supporting research in my country, particularly in groundwater modeling and water resources management. I aim to combine my technical background, experience with artificial intelligence, and administrative skills to contribute to effective research and sustainable water management.

Education

MSc in Hydraulics and Water Recourses [University of Tripoli](#) Tripoli, Libya (July 2025)

Thesis Research: Numerical modeling of groundwater flow using **MODFLOW 6** with **ModelMuse**, utilizing **PEST** software for calibration.
GPA: 3.68/4.0

B.Sc. in Civil Engineering [University of Tripoli](#) Tripoli, Libya (December 2012)
Grade: 76.46%

Work experience

Teaching Assistant (Currently in process of promotion to Assistant Lecturer) [University of Tripoli](#) Tripoli, Libya
Since May 2015 - Present

- As a Teaching Assistant, I lead tutorials for the Hydrology course, assist in exam monitoring, and provide support with administrative tasks.

Languages

Arabic	Native
English	Advanced (IELTS 6.0)

References

Dr. Khaled Rashed Professor, University of Tripoli
k65rashed@yahoo.co.uk 092-7031402

Skills

Technical Skills

- Data & Research Tools: Microsoft 365, Mendeley, AI Applications.
- Civil Engineering Software: AutoCAD, Civil 3D.
- Groundwater Modeling: MODFLOW 6, SURFER, GIS.

Presentation and Public Speaking

- Volunteered to deliver **four presentations**, organized by my department, on "**Skills for Preparing and Presenting Graduation Project Using PowerPoint**", aimed at guiding undergraduate students before their final project presentations.

Soft Skills

- Research & Analytical Thinking
- Project Management & Organization
- Teamwork & Leadership
- Selt-Motivated Learner
- Time Management & Problem-Solving

Training Courses

- Scientific Research Preparation: From Concept to Publication - Kawader Almostakbal Platform**, Instructor: Dr. Faisal Alatshan, 2025
- AI-Assisted Scientific Writing: from literature Search to Publication - MedOne Academy**, Instructor: Dr. Eyad Qunaibi, 2025
- ArcGIS Course** - University of Tripoli, August 2025
- Civil3D Software** - University of Tripoli, 2025
- Development of Academic Skills for Faculty and Teaching Assistants** – University of Tripoli, 9th to 12th December 2024
- Use of Artificial Intelligence Tools in Scientific Research** – 2nd to 5th September 2024
- Mastering MODFLOW: Advanced Groundwater Flow Modeling** – Udemy, 2024
- Advanced Groundwater Modeling and Pumping Test Analysis** – Udemy, 2024
- Basics of Groundwater Flow Modeling using MODFLOW** – Udemy, 2024
- Personal Strategic Planning for Achieving Goals** – 2023
- Mendeley Reference Management Workshop** –2017

Social networks

R^G @Yosra_Elmaghur
in @yosra_elmaghur