

	Contact Information		
	Name: Ahmed Kamal Rabah		
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	ORCID: 0000-0002-9745-0600		
SCOPUS: Ahmed Rabah, ID: 57733157100			
Education/ Academic qualifications (start with your most recent education first)			
Year	School / University	Specialization	Degree
2022	Tanta University	Structural Engineering	Ph.D.
2014	Tanta University	Structural Engineering	M.Sc.
2007	Mansoura University	Civil Engineering	B.Sc.
Academic Employment History (start with your most recent education first)			
From:	To:	University / Organization	Title of Position
Oct 2022	Present	Horus University – New Damietta	Assistant Professor
Feb 2022	Sep 2022	Nile Higher Institute for Engineering and Technology, Mansoura	Assistant Professor
Sep 2015	Jan 2022	Nile Higher Institute for Engineering and Technology, Mansoura	Assistant Lecturer
Administrative Positions:			
From:	To:	University / Organization	Title of Position
Feb 2022	Sep 2022	Nile Higher Institute for Engineering and Technology, Mansoura	ABET coordinator of civil engineering program
Teaching Experience (Courses, Language, Higher Education Only)			
Teaching the following undergraduate courses (Civil Engineering Program):			
<ul style="list-style-type: none"> ● Level One: Behavior of Materials – Civil Drawing. ● Level Two: Soil Mechanics – Concrete Technology. ● Level Three: Foundations Engineering 1. ● Level Four: Foundations Engineering 2 – Construction Engineering. 			
Graduation Project (Soil Mechanics and Foundations Engineering).			

I do hereby declare that the information furnished above is true to the best of my knowledge.

Name: Ahmed Kamal Rabah

Signature:



Publications:

- **Rabah, A. and** Emara, O. (2023), " Review on Mechanical and Thermal Performance of Energy Piles", Applied Innovative Research in Engineering Grand Challenges Conference "AIREGC", New Damietta, Egypt.
- Sakr, M., Elsawwaf, M. and **Rabah, A.** (2022), "Soft Clay Improved by Deep Cement Mixing Columns Technique", Arabian Journal of Geosciences, 15 (15), 1-13.
- Sakr, M., Elsawwaf, M. and **Rabah, A.** (2022), "Numerical Study of Soft Clay Reinforced with Deep Cement Mixing Technique", Indian Geotechnical Journal, 52 (6), 1487-1504.
- Sakr, M., Elsawwaf, M. and **Rabah, A.** (2021), "Bearing Capacity of End-Bearing Deep Mixing Columns", International Journal of Innovative Research in Science, Engineering and Technology, 10(6), 8340-8347.
- Sakr, M., Elsawwaf, M. and **Rabah, A.** (2021), "Performance of Improved Ground by Deep Mixing Technique: State of the Art Review", Journal of Multidisciplinary Engineering Science Studies, 7(5), 3883-3892.
- Sakr, M., Elsawwaf, M. and **Rabah, A.** (2020), "Deep Mixing Technique for Soft Clay Soil: A Review", 13th International Geological Conference (SSG 2020), Jeddah, Saudi Arabia.
- Sakr, M., Sawaf, M., Nazir, A., and **Rabah, A.** (2014), "Behavior of Collapsible Soils Stabilized with Fibers", 8th Alexandria International Conference on Structural and Geotechnical Engineering, Alexandria, Egypt.

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Other Relevant Experience

Current Journal Roles

- **Peer Reviewer:** Geotechnical Engineering (Proceedings of the ICE).

Scientific Activities

- Applied Innovative Research in Engineering Grand Challenges Conference "AIREGC", New Damietta, Egypt, **Participation, Publication and Presentation, 2023.**
- **GeoMEast2018** International Congress and Exhibition, Sustainable Civil Infrastructures "Structural Integrity", **Participation, 2018.**
- Eighth Alexandria International Conference on Structural and Geotechnical Engineering "AICSGE 8", Alexandria, Egypt, **Participation, Publication and Presentation, 2014.**
- Third International Geotechnical Engineering Symposium on: "Emerging Technologies in Field Testing and Soil Characterization", Geotechnical Engineering Research Centre, Faculty of Engineering, Tanta University, Egypt, **Organizing Team, 2014.**
- Earthquake Geotechnical Satellite Conference TC4 of ISSMGE, Alexandria, Egypt, **Participation, 2009.**

Professional and Consulting Experience

Freelance Structural Design Engineer. (July 2013 – Aug 2015)

Structural Design Engineer – Structural Department. (Nov 2007 – June 2013)

Delta Egypt Consulting Engineers "DECE", Cairo, Egypt.

Duties:

Through the professional career, gained a wide experience in structural design field. Participated in designing of many structures in Egypt and Gulf area. Dealt with many types of structures like infrastructure, water retaining structure, high-rise building, and ordinary reinforced concrete structure. Designed different types of projects such as administration buildings, residential buildings, high-rise buildings, universities, tourist resorts, hotels, malls and hospitals using latest national and international codes editions as ECCS 203, ACI, British standard "BS8110" for concrete structure. My experience extends to the preparation of technical specification, review shop drawings and technical submittal.

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