

Ahmed Samir Rashed Fares

Personal Data:

- **DOB:** 13 April 1982 – CAIRO , Egypt
- **Nationality:** Egyptian
- **Marital Status:** Married
- **Tel Mobile:** +2 01001413896 – Egypt
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Present Occupation:

- Assistant Professor in Civil Engineering Dept. - Higher Institute of Engineering.
- Assistant Professor in Civil Engineering Dept. – Canadian International College.
- Civil & Geotechnical Consultant For CEDC (Consultants&Engineering Design).
- Director of Geotechnical lab in Higher Institute of Engineering.

Education:

April 2015

P.hd. in civil engineering from Helwan University, Mataria, Egypt.

Under the title of "A study of the interaction between soil and side support elements of deep excavation".

July 2010

M.Sc. in structural engineering from Helwan University, Mataria, Egypt.

Under the title of "Design of Strengthened Short Reinforced Concrete Columns Using Fiber Reinforced Polymers Subjected to Eccentric load".

July 2004

B.Sc. in structural engineering department Helwan University, Mataria, Egypt.

Grade: Very good with honor degree.

Scientific activities

- Participating in European Program TEMPUS: Building Information Modeling: Integrated Design Environment for Engineering Education;
- Attending workshop1 (BimIDE1) in Northumbria University, Newcastle city, United Kingdom of England (June, 2014).
- Attending workshop2 (BimIDE1) in Leeds University, Leeds city, United Kingdom of England (June, 2014).
- Attending workshop3 (BimIDE3) in Twente University, Enschede city, United Kingdom of Netherlands (August, 2015).
- Attending 4th African young geotechnical engineers conference in Casablanca, Morocco (November, 2015).

Publications

- A Paper with the title of " A new parameter and a new design charts to predict lateral movement in deep excavation systems".
Participated in "The Fourth African Young Geotechnical Engineer's Conference (4AyGEC'15)", 12-13 November, 2015 Casablanca, Morocco.
- A Paper with the title of "Evaluation for the ability of traditional methods used in design of deep excavation in predicting lateral movement of retaining system".
Participated in "International Conference on Advances in Structural and Geotechnical Engineering", 6-9 April 2015, Hurghada, Egypt.
- A Paper with the title of " Performance of Reinforced Concrete Beams with Implanted Columns ".
Published in " International Journal of Current Engineering and Technology ", Vol.8, No.1 (Jan/Feb 2018), E-ISSN 2277 – 4106, P-ISSN 2347 – 5161.
- A Paper with the title of " The interaction between Waste Water Contaminations and Sandy Soil ".
Published in " International Journal of Current Engineering and Technology ", Vol.9, No.1 (Jan/Feb 2019), E-ISSN 2277 – 4106, P-ISSN 2347 – 5161.
- A Paper with the title of " Behavior of Reinforced Concrete Planted Columns Supported on Reinforced Concrete Beams ".
Published in " International Journal of Civil Engineering", Vol.6, No.5 (Apr/may 2019), E-ISSN 2348 – 8352.
- A Paper with the title of " Adopting Numerical Models for Prediction of Ground Movement Induced by deep Excavation".

Published in " International Journal of Recent Technology and Engineering",
Vol.8, Issue.6 (March 2020), E-ISSN 2277 – 3878.

Participated in

- Supervision on P.h.d. thesis, with the title of " Study of ground movement adjacent to deep excavation". Helwan university.
- Supervision on P.h.d. thesis, with the title of " Study of soil strengthen behind the deep excavation retaining system by modern Geotechnical technologies ". Helwan university.
- Supervision on P.h.d. thesis, with the title of " Analysis and design of piled foundations under different stresses conditions using optimization techniques ". Helwan university.
- Supervision on M.sc. thesis, with the title of " Effect of technique of insulation material on slippage of retaining walls ". Ain Shams university.
- Supervision on M.sc. thesis, with the title of " Bearing capacity of driven open ended pipe piles ". Ain Shams university.
- Supervision on M.sc. thesis, with the title of " Treatment of expansive soils using Geofoam ". Fayoum university.
- Supervision on M.sc. thesis, with the title of " Effect of Brine on strength and index properties of soil ". Ain Shams university.
- Supervision on M.sc. thesis, with the title of " Effect of Embankment critical height on the load transfer mechanism of rigid inclusion system ". Ain Shams university.

Software Experience

- (Sap + Etabs + Safe + CSI columns) Package.
- Revit Essentials.
- Ansys Package.
- Plaxis Package.
- AutoCAD.
- ICDL License (Word, Excel, PowerPoint, Access and Net).

Experience brief

Egypt

- Sinai University (faculty of pharmacy, technology and administrator building).
- Suez Canal University (administrator and conference building).
- Work Shop Building in Helwan University.
- American University in new Cairo.
- Shorouk Academy buildings.
- Main satellite station, Maadi, cairo.
- Nab3 tourist resort, Sharm El-Sheik.
- Paradise tourist resort, Mersa Matrouh.
- Numerous high rise buildings.
- Numerous villas with swimming pools.
- Numerous Schools.
- Numerous factories.
- Numerous repairing works for residential buildings.
- Numerous Soil Reports.
- Numerous Shoring works.
- Numerous Dewatering works.

Saudi Arabia

- Buraida compound - residential buildings project.
- Bay La Sun compound - residential buildings project.
- Strengthening of Zeinab doom Mosque.
- Numerous villas with swimming pools.

Libya

- Sport stadium in Tripoli.
- Numerous villas with swimming pools.

Experience in Teaching Courses:

☒ Main Courses:

1. Geo-Technical Engineering 1 and 2.
2. Reinforced Concrete 1 and 2.
3. Foundation Design 1 and 2.
4. Numerical Analysis.
5. Computer Aided Drawing (AutoCAD).
6. Civil Engineering Drawing.

Professional Affiliations:

- Member of the Egyptian Engineers Syndicate.
- Member of The Geotechnical Engineers Society.

Language Skills:

- ☒ Very good in spoken and written English.
- ☒ Arabic is a mother tongue.

**Thank you,
Dr. Ahmed Rashed
January 2021**