

Mahmoud Ahmed El Desouky

Assistant Lecturer
Material and Concrete Structure Engineering



Nationality

Egyptian

Email

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Education

- Registered for PhD, (Material and Structure Engineering), Department of Structure Engineering, Faculty of Engineering, Helwan University, (Mataria Branch).
- M.Sc. (Material and Structure Engineering), Faculty of Engineering, Cairo University, 2015, Thesis Title: **Enhancement of Reinforced Concrete Mechanical Properties Using Nano Silica.**
- B.Sc. (Civil Engineering), Department of Civil Engineering, Higher Technological Institute, 2010.

Academic Experience

- Assistant Lecturer, Nov. 2015 – Present.
- Teaching and Research Assistant, Sep. 2010 – Nov. 2015.

Work Experience

1- Wazzan Engineering & Trading Co. (Wetco.).

in ZAYED CENTRAL PARK (Fountain Work).

2- Acacia Design Group

As a Consultant engineering and Technical Office At Beta Egypt Company Compound. (at El Fayoum Road)

3- AFAK EL MOSTAKBL CONSTRUCTIONS

Consultant engineering in Egyptian Germany (EGIC) Factory.
(In 6th Of October City and Bani-Sweif City)

4- Masood Firm

Design of Somusta hospital in Bani-Sweif City

Research Interest

- NANO Technology
- Micro and Macro Materials
- Fiber Concrete
- Self-Healing concrete
- Recycled Aggregate.
- High-Strength Concrete
- High- Performance Concrete
- New and sustainable building products, materials, and systems.
- Green Building.

Participation Conferences

- 4th International Conference On NANO-Technology in Construction, “Nano-Technology for Green and Sustainable Construction”, HBRC, Egypt, Cairo, 25-26 March, 2012.
- 7th International Conference On Nano-Technology in Construction, Sharm El Sheikh, Egypt, 20-24 March, 2015.
- 9th International Conference On NANO-Technology in Construction, Sharm El Sheikh, Egypt, 17-21 March, 2017.
- Workshop On NANO-Technology,” The Role of Nanotechnology in Modern Scientific Trends”, Conference Center (Cairo University), Egypt, Cairo, 27 Feb., 2013.

Professional Interest

- Material Engineering.
- NANO Technology.
- Micro and Macro Synthetic Fibers.
- New Concrete Materials

Computer Skills

- Autodesk AutoCAD.
- Autodesk REVIT Structure.
- Autodesk Robot Structure Analysis
- ANSYS.
- IBM SPSS Statistics.
- Fortran.
- Visual Basic.
- Mathworks Matlab.
- SAP.
- SAFE.
- ETABS.
- CSI Column.
- Surfer.

Professional Membership

- Member, Egyptian Syndicate of Engineers.