

Dr. Mamdouh Algendy

Assistant Professor, Department of Mechanical Engineering, King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Structural Engineering	Cairo University	2017
M.Sc	Structural Engineering	Cairo University	2011
B.Sc	Civil Engineering	Cairo University	1986

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
1992	2011	King Abdulaziz University	Academic Engineer		Full
2011	2017	King Abdulaziz University	Lecturer		Full
2017	present	King Abdulaziz University	Assistant Professor		Full

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description</i>	<i>Full or Part Time</i>
1987	1990	The Arab Contractors in Egypt (New Cairo airport project)	Engineer	Site Construction of New Cairo Airport	Full
1990	1992	Al-Chark Insurance in Egypt	Inspector Engineer	Inspection of electric and mechanical equipment	Full
1987	1992	Khalia for Computers Group	Programmer	Developing new software using C++, Pascal and Turbo basic	Part Time
1992	2017	Several projects in Jeddah and Yanbu	Structural Consultant	Structural design and consultant for buildings construction	Part Time

Honors and Awards

Institutional and Professional Services

Scientific & Professional Societies of which a Member

- Member of The Egyptian Society of Engineers, Cairo, Egypt, since 1990
- Member of Saudi Council of Engineers, KSA, since 2011.
- Member of Saudi Society for Civil Engineering, Jeddah, KSA, since 2006
- Member of Egyptian Engineers Syndicate (EES), Egypt, since May, 1986

Principal Publications/Presentations from the Past Five Years

1. Al-Gendy, Mamdouh, and Osman, Hesham, and Taha, Mahmoud, "BIM Enabled Condition Assessment Tool for Building Maintenance using Revit Architecture", First Australian and South East Asia Conference in Structural Engineering and Construction, Perth, Western Australia, November, 2012.
2. Al-Gendy, Mamdouh, and El-Anwar, Omar, and Al-Said, Moheeb, "A SURVEY ON THE IMPACT OF SLUMS CONSTRUCTION PROJECTS ON DWELLERS AND CONTRACTORS IN MAKKAH", The Engineering and Scientific Research Journal of the Faculty of Engineering, Shoubra, Benha University, Volume No. 1 issue No. 32, April 2017.
3. - Al-Gendy, Mamdouh, and El-Anwar, Omar, and Al-Said, Moheeb, "THE SOCIAL AND ECONOMIC IMPACT OF SLUMS PROJECTS ON THE DWELLERS IN MAKKAH AND JEDDAH OF SAUDI ARABIA", Journal of Al Azhar University Engineering Sector, ISSN: 1110-6409, Vol. 12, No. 43, 489-500, Cairo, Egypt, April, 2017.