

Ammar Zaki

Egypt , Aswan – 184 beside faculty of Engineering, Aswan University.

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Google Scholar: <https://scholar.google.com/eg/citations?user=Q1DbFVUAAA&hl=en>

Academic Qualifications:

- 2019- Now Aswan University, Egypt
Researcher Construction Building and Materials,

- 2013-2017 Helwan University, Egypt
Master of Science (MS) in Construction Management,
Very Good grade

- 2007-2012 Aswan University, Egypt
Bachelor of Science (BSc) in Civil Engineering
Very Good with honor degree

Awards and Grants:

- 2019 Egypt’s Engineers’ Syndicate distinguish award

- 2013 The foremasts engineer award from "General Contractor Company-South Valley Branch”;

- 2012 Engineers’ Syndicate Award as one of the foremasts of graduate students;

- 2012 Very Good with honors degree, ranking the 3th among 200 students;

- 2007-2012 The Egyptian Government Prestigious Academic Scholarship along my academic years

Research Area of Interest:

[Identifying the environmental and economic benefits of recycling the demolition in construction applications]

My research interest is focusing in Construction Demolition Waste (CDW) to find a solution for the environmental and economic problems of these waste. My focus is creating a standard to use the CDW as recycled aggregate in concrete. My scope is constructing a plant of concrete using aggregates from CDW can be using in structural and non- structural concrete. Nevertheless, I am interested in estimating and analyzing the environmental and economic benefits of using recycled concrete aggregate (RCA) instead of the natural aggregate (NA) in the concrete mix.

Teaching Experience:

[2013 – Present]

Teaching Assistant, Arab Academy for Science & Technology and Maritime Transport (ASST).

Publications:

Published Articles:

1. Ammar Zaki et. al., “Factors Affecting Schedule Delay and Cost Overrun in Egyptian Construction Projects.”, 2nd International Conference Sustainable Construction and Project Management "Sustainable Infrastructure and Transportation for Future Cities" December 16 -18, 2018 Aswan, Egypt.
2. Ammar Zaki et. al., “Using Construction Demolition Waste (CDW) as Recycled Aggregate in Non-Structural Concrete”, 3rd International Conference Sustainable Construction and Project Management "Sustainable Infrastructure and Transportation for Future Cities" June 20-22, 2021 Cairo, Egypt.

Work Experience:

[2013 – Present]

Teaching Assistant, Arab Academy for Science & Technology and Maritime Transport (AAST).

<http://www.aast.edu/ar/>

[September 2012 – September 2013]

Senior Project Management Engineer at " General Contractor Company-South Valley branch, EGYPT"

A Multinational General Construction Company

Training Courses:

1. Project Management and Planning using “Primavera 6” at: High Tech. Center- AAST - from 7/6/2013 to 26/6/2013.
2. AUTOCAD 2D program computer course at: Learning Center- Aswan University. From 07/1/2009 to 30/1/2009.
3. SAP program computer course at: High Tech. Center- AAST. From 06/8/2010 to 27/8/2010.
4. ICDL (International Computer Driving License) in Information & Communication Technology Center-south valley university.

Memberships:

EES

Egypt's Engineers' Syndicate.

[2012-Present]

Research Skills:

Professional:

MATLAB (A programming language)

Familiar:

FORTRAN 90-95 / Python (A programming language)

Applicable Software:

Professional:

Statistical Package for social Science (SPSS)

Project Management Using (Primavera)

Computer Aided Drawing (AUTOCAD 2D)

Familiar:

Building Design Software (REVIT)

Structural Analysis (SAP 2000)

References:

- 1- Prof. Emad Elbeltagi eelbelta@mans.edu.eg
 eelbelta@yahoo.com

Department of Civil Engineering, Faculty of Engineering, Mansoura University
Mansoura 35516 EGYPT

- 2- Ass.Prof: Ahmed Abdelalim dr.ahmed.abdelalim@gmail.com

Department of Civil Engineering, Faculty of Engineering, Helwan University, EGYPT

- 3- Ass.Prof Abo Elkasim Diab daali@mtu.edu & adiab@aswu.edu.eg

Department of Civil Engineering, Faculty of Engineering, Aswan University, EGYPT

- 4- Dr. Mohamed Abdelshakour M.shakour@aast.edu

Head of the Department of Construction and Building Engineering, South Valley Branch
The Arab Academy for Science, Technology and Maritime Transport, EGYPT