

Basma Fawzi Amin

Public Works Engineer, MSc

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AREA OF EXPERTISE

Topographic surveying

Plane Surveying

Remote Sensing

Sanitary Engineering

SUMMARY

Public works Engineer and lecturer with 9 years of experience in Surveying Engineering and teaching several courses related to Surveying Engineering topics according to the authenticated syllabus. Besides, immense teamworking, communication and coordination skills. A Master's degree holder in Public Works Engineering (from Mansoura University, Egypt).

 09/2015– 01/2019 (3 Years and 4 Months)

 Mansoura, Egypt

Demonstrator – Full time

 02/2019– For Now

 Mansoura, Egypt

Assistance Lecturer – Full time

Delta Higher Institute for Engineering and Technology

Civil Engineering Department

Job Summary: During this period, Basma had a direct interaction with more than 2500 students. Besides, acquired an outstanding presentation and communication skills. Basma effectively delivered several courses related to public works engineering topics according to the authenticated syllabus. Also, supervision of field training of student in laboratory and sites.

EDUCATION

MSc. in Public Works Engineering

Mansoura University

 2019

 Mansoura, Egypt

Faculty of Engineering

Thesis Title: " Assessment of Optical Satellite Images for Bathymetry Estimation in Shallow Areas Using Artificial Neural Network Model"

Post Graduate Diploma in Design by ACI Code

Mansoura University

 2017

 Mansoura, Egypt

Faculty Leadership Development Center

Mansoura University

BSc. in Civil Engineering

Delta Higher Institute for Engineering and Technology

 2015

 Mansoura, Egypt

Civil Engineering Department

Cumulative grade 93.5 % (Excellent with First Class Honor Degree), Graduation project in " Sanitary Engineering " with grade Excellent.

PROFESSIONAL SKILLS

- ETABS
- SAFE
- SAP
- AutoCAD
- Microsoft Office
- Surfer
- ENVI
- Abaqus Program
- Communication skills
- Presentation skills
- Teamwork skills
- Academic Teaching
- Erdas Imagine
- Arc Map
- Mat lab

PROFESSIONAL ASSOCIATIONS

Egyptian Engineering Syndicate

Association of Arabian Engineers

PUBLICATIONS

El-Mewafi, M., Salah, M., & Fawzi, B. (2018). Assessment of Optical Satellite Images for Bathymetry Estimation in Shallow Areas Using Artificial Neural Network Model. *Am. J. Geogr. Inf. Syst*, 7, 99-106

LANGUAGES

Arabic: Native Speaker

English: Proficient
