

Ahmed Mohamed Bolteya

Lecturer Assistant

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Personal Data:

Date of Birth:	17/7/1995
Nationality:	Egyptian
Marital Status:	Engaged
Military Status:	Exempt
Current Location:	Cairo, Egypt
Current Position:	Lecturer Assistant
Current Company:	Arab Academy for Science, Technology & Maritime Transport (AASTMT)

EDUCATION

SEP 2018 - June 2021 **ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT (AASTMT)** **Cairo, Egypt**

Degree: Master of Sciences

Major: Environmental Engineering

Thesis: "Thermal Efficiency of Phase Change Materials filled Double Glazing Units in Dry Arid Area".

The main objective of thesis is to study the Implementing experimental work to study the effect of using PCMs to decrease amount of heat gain through glazing and studying the effect of varied RT28HC thicknesses on thermal behavior of DGUs, using finite element package ANSYS FLUENT in dry arid area.

Publication:

Ahmed M. Bolteya, Mohamed A. Elsayad, Adel M. Belal, Thermal efficiency of PCM filled double glazing units in Egypt, Ain Shams Engineering Journal, 2021, ISSN 2090-4479, doi.org/10.1016/j.asej.2020.12.004. (<https://www.sciencedirect.com/science/article/pii/S2090447920302859>)

GPA: 4 / 4 - Excellent with Honor

SEP 2013 - JUNE 2018 **ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT (AASTMT)** **Cairo, Egypt**

Degree: Bachelor of Science

Major: Construction & Building

GPA: 3.91 / 4 - Excellent with Honor

WORK EXPERIENCE

SEP 2010 – PRESENT

**ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME
TRANSPORT (AASTMT)**

Cairo, Egypt

Main Activity

Education

Position:

Lecturer Assistant

Teaching Courses :

- Environmental control & Energy in Buildings
- Soil Mechanics
- Design of Foundations and Retaining Structures
- Engineering Geology
- Soil Mechanics and Foundations
- Environmental Engineering
- Strength of materials
- Technical Installations in Building
- Environmental & Sanitary Engineering
- Construction Materials

COMPUTER SKILLS

- Microsoft Office (Excel – Word – PowerPoint)
- Primavera P6
- AutoCAD
- Design Builder

LANGUAGES

- Arabic - Native
- English - Very Good (Last ATOEFL Score: 600)

INTERESTS

- Reading
- Academic Researching
- Music

REFERENCES

- Available upon request