Mohamed Tarek Salah

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Email:

EDUCATION

SEPTEMBER 2019 – March 2023

Master's degree in environmental engineering,
ARAB ACADEMY FOR SCIENCE AND TECHNOLOGY.

- Excellence With Honors Degree
- Overall GPA (3.67/4)

SEPTEMBER 2014 - JUNE 2019

BACHELOR'S DEGREE IN CONSTRUCTION AND BUILDING ENGINEER, ARAB
ACADEMY FOR SCIENCE AND TECHNOLOGY, SMART VILLAGE CAMPUS.

- Excellence With Honors Degree
- Overall GPA (3.82/4)
- Graduation Project: Construction Project Management

EXPERIENCE

DECEMPER 2020 - PRESENT

TEACHING ASSISTANT, ARAB ACADEMY FOR SCIENCE AND TECHNOLOGY,
SMART VILLAGE CAMPUS. (FULL TIME)

Teaching under-grade subjects, the Courses included:
- DESIGN & CONSTRUCTION OF COASTAL STRUC.
- SURVEYING
- Theory Of Structures
- Reinforced Concrete & Metallic Structure
- IRRIGATION AND DRAINAGE

JUNE 2018 – AUGUST 2018

TRANIEE, ACE Consultant- Rod EL-Farag, Egypt.

SEPTEMBER 2018 – JUNE 2019

CONSTRUCTION PROJECT MANAGEMENT,
GRADUATION PROJECT

The project included the following

- Quantity surveying
- Cash flow
- BIM Model
- Cost Estimation
- Contract Analysis
- Planning and Scheduling (Using Primavera P6 Software)
- Updating and Earned Value Management

List of publication

1. "High-resolution reference evapotranspiration for arid Egypt: Comparative analysis and evaluation of empirical and artificial intelligence models" (International Journal of Climatology)
   DOI: 10.1002/joc.7894
2. "Future Projection of Precipitation Bioclimatic Indicators over Southeast Asia Using CMIP6" (Sustainability Journal)
   DOI: 10.3390/su142013596
3. "Aridity shifts in the MENA region under the Paris Agreement climate change scenarios" (Global and Planetary Change)
   DOI: 10.1016/j.gloplacha.2024.104483
4. "Simulation and Future Projections of Reference Evapotranspiration in Egypt" (Accepted for publication in International Journal of Climatology).

SKILLS

- Programs: Machine learning using R programming language, QGIS Software, Basic Dynamo development script, primavera, Revit, and AutoCAD.
- Languages: English (Upper intermediate), Arabic (Mother Tongue).
- Other skills: Reading, Drawing, Writing, and Travelling.