

1. Name: Maha Fawzy Aly Anber, Associate Professor, Department of Architectural Engineering, Higher Institute of Engineering, Elshorouk Academy.

2. Degrees:

- B.S. (Architecture) Faculty of Fine Arts, Helwan University, Cairo, Egypt. 2010
- M.S. (Architectural Engineering) Cairo University, Cairo, Egypt. 2014
- Ph.D. (Architectural Engineering) Alazhar University, Cairo, Egypt. 2017

3. Years of Service on Faculty: 14

- 02/2023- present Associate Professor
- 06/2017 – 02/2023 Assistant Professor.

4. Other Experience:

- 12/2022 – Present: Director of Shorouk Academy International Relations Office (Elshorouk Academy), Cairo, Egypt.
- 01/2024 – Present: Adjunct Associate Professor, Architecture and Interior Architecture Department, German International University (GIU), Cairo, Egypt.
- 01/2024 – Present: Director of Educational Department and Strategic Initiatives, Engineering Institute for Integrated Development and Technology (EIIDT), Estonia.
- 01/2022 – Present: Advisory Member, International Society for Engineers and Researchers (ISERD).
- 01/2021 – Present: Member of Commission of Education and Communication, International Union for Conservation of Nature (IUCN).
- 01/2018-12/2019: Head of Conference Technical & Preparation Committee (Sustainability, Environmental Efficiency for Human Well-Being), Cairo, Egypt, December 2018.
- 12/2019 – Present: Jury Committee Member, The International Awards for Livable Communities LIVCOM Awards.
- 07/2019- Present: Supervising Professor, UMAR (Union of Mediterranean Architects) workshops.
- 01/2021- Present: Certified juror in INSPIRELI AWARDS, the world's largest global student contest in Architecture, Urban Design and Landscape, and Interior Design.

5. Consulting Activities (selected)

- Design and Design Development of multiple architecture and interior architecture projects for Beyond Engineering and Consultation (2020 - present).
- Design and Deliver of multiple corporate training courses for New Version Egypt for contracting and construction (2021 – Present).

6. States in which registered:

- Cairo, Egypt.

7. Principal publications of last 5 years (selected):

- Anber, M., & Aboshosha, B. W. (2024). The impact of using an IoT-based automatic solar panel cleaner on building energy performance. *International Journal of Low-Carbon Technologies*, 19, 1888-1900. <https://doi.org/10.1093/ijlct/ctae137>
- Anber, M., & Shawky O. (2024). Achieving Indoor Thermal Comfort Using AI-Controlled Shading in Hot Arid Climates in Office Buildings, *International Design Journal*, .Vol. 14 Iss. 1 doi: 10.21608/idj.2024.305830.1172

- A Framework for Studying the Possibility of Using Basalt Cement as a Cladding Material for Indoor Spaces- Information Sciences Letters- Natural Sciences Publishing- Vol. 13, No. 2, PP: 377-386. <http://dx.doi.org/10.18576/isl/130215>
- The Efficiency of Using Mineral Insulating Solution in Buildings in Egypt, International Design Journal. Vol. 14 Issue 1, January 2024. DOI: 10.21608/IDJ.2023.249201.1099.
- Energy retrofitting strategies for office buildings in hot arid climate, International Journal of Low-Carbon Technologies, Oxford Academic. Volume 17, 2022, Pages 506-512, <https://doi.org/10.1093/ijlct/ctac031>

8. Scientific and professional societies of which a member

- Egyptian Engineers Syndicate, and Egyptian Society of Engineers.
- Jury Committee member in the International Awards for Livable Communities.
- Member of commission of education and communication- International Union for Conservation of Nature (IUCN).
- Advisory Member, International Society for Engineers and Researchers (ISERD).

9. Honors and awards:

- Supervisor of the winning project at The Soul of Beirut Competition, the reconstruction of Beirut Port.
- Won the first stage of the “Taking Leave” International competition held by the BUE (British University in Egypt).

10. Institutional & professional service in last 5 years:

- Director of Shorouk Academy International Relations Office, Elshorouk Academy (2022 - present).
- Member of Preparatory Engineering Year Exams Office (2022 - present).

11. Professional Development Activities in the last 5 years:

- Supervised multiple architectural workshops for the Union of Mediterranean Architects UMAR.
- Served as an Invited Keynote Speaker and Technical Session Chairman in the ISERD (International Society for Engineering Research and Development) International Conference held in Chicago, United States of America May 2022.
- **Keynote speaker** in Soul of Beirut Event in Beirut- Lebanon August 2021 with a lecture entitled “Sustainable Design as a Comprehensive framework in the Renewal of The Port of Beirut”.
- **Editorial Board member** for the Eurasiaweb International Conference May 2020
- Certified juror in **INSPIRELI AWARDS**, the world's largest global student contest in Architecture, Urban Design and Landscape, and Interior Design.
- **Keynote speaker** at **RAE Resilience in Architectural Education** Conference held in February 2021 with a lecture entitled “Architecture Education Through Times of Crisis”.
- Reviewer in the **IWCEA - 2017**, 3rd International Workshop on Civil Engineering and Architecture, December 16-17, 2017, Istanbul, TURKEY.