

Eman Ahmed SalehEldin Abdelhalim

Associate Professor of Architecture & Urban Design
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PROFESSIONAL PROFILE

Architect and academic with over 20 years of combined professional and teaching experience in urban design, landscape architecture, and community development. Associate Professor of Architecture and Urban Design at MSA University (October University for Modern Sciences and Arts), Department of Architectural Engineering. Fellow of the Higher Education Academy (FHEA, UK) and holder of a Post-Graduate Certificate in Higher Education from the University of Greenwich. PhD from Cairo University focused on behavioral and cultural patterns in upgrading informal settlements in Greater Cairo. Research spans urban microclimate simulation, AI-assisted design, heritage redevelopment, and higher education pedagogy.

EDUCATION

FHEA – Fellow of the Higher Education Academy <i>Advance HE, UK Professional Standards Framework – Recognition Ref: PR171177</i>	Sep 2019
PGCert – Post-Graduate Certificate in Higher Education <i>University of Greenwich, UK</i>	Jul 2019
PhD – Architecture (Urban Planning & Community Development) <i>Faculty of Engineering, Cairo University, Egypt</i> Thesis: Behavioral & Cultural Patterns (BCPs) Within Upgrading Informal Settlements in Greater Cairo Region	2017
M.Sc. – Architecture (Urban Planning & Landscape Design) <i>Faculty of Engineering, Cairo University, Egypt</i> Thesis: Landscape for Learning — University Campus Urban Design and the Impact of Landscape on the Urban Image of Campus Open Space	2010
B.Sc. – Architecture <i>Faculty of Engineering, Cairo University, Egypt</i>	2005

ACADEMIC EXPERIENCE

Associate Professor of Architecture & Urban Planning | MSA University (October University for Modern Sciences and Arts) · Apr 2026 – Present

- Promoted to Associate Professor of Architecture and Urban Planning — current rank held at MSA University.
- Leads advanced design studios, research supervision, and postgraduate teaching in urban design and community development.

Lecturer – Architectural Engineering | MSA University (October University for Modern Sciences and Arts) · Feb 2015 – Present

- Delivered undergraduate and postgraduate courses including Architectural Design (III–VII), Urban Planning & Design, Housing Planning & Design, Graduation Projects (I & II), and History of Urban Form.
- Supervised graduation projects with international outcomes: student Hadeel Zakareia won 2nd Prize (750 EUR) at Re-ConD'25 International Competition (Istanbul, 2025); three additional groups received Honorable Mentions.
- Contributed to NAQAAE institutional accreditation (2020–2021): prepared MMR, PMR, APR reports, course specifications, and PLO analyses for the Architecture Engineering Programme.
- Student satisfaction scores consistently above 88%, reaching 91.6% in evaluated courses (MSA Quality Assurance Unit, Form 17). Departmental evaluation: 19/20.
- Organised and participated in international workshops and conferences including Sustainability Gen-4 Post COP27 (2023) and Path to City Resilience (2020).

Assistant Lecturer – Architectural Engineering | MSA University (October University for Modern Sciences and Arts) · Feb 2015 – Jan 2017

- Assisted in delivering architectural design studios and urban planning courses.
- Supported course coordination, student assessment, and studio supervision under senior faculty.

Teaching Assistant – Architecture | Misr International University · Full-time · Feb 2008 – Jan 2011

- Supported undergraduate architecture courses, studio sessions, and student project reviews.

Teaching Assistant – Architecture | El Shorouk Academy · Full-time · Sep 2005 – Nov 2007

- Assisted in architecture design studios and contributed to undergraduate teaching activities.

COURSES TAUGHT

Course	Code	Semesters Taught
Architectural Design III	ASE251	Fall 2021
Architectural Design IV	ASE252	Spring 2022, Fall 2024
Urban Planning & Design	ASE253	Summer 2017, Spring 2018–2021
Architectural Design V	ASE351	Fall 2023, Spring 2024
Housing Planning & Design	ASE353	Spring 2022–2026
History of Urban Form (Elective)	ASE5533	Summer 2017, Spring 2023
Human Settlements in Developing Countries (Elective)	ASE5534	Spring 2025

Architectural Design VI	ASE352	Spring 2025
Architectural Design VII	ASE551	Fall 2018–2022, Fall 2025
Graduation Project Part I	ASE534	Fall 2022–2025
Graduation Project Part II	ASE544	Fall 2024–2025, Spring 2026

PROFESSIONAL PRACTICE

Head of Technical Office | [Bungalow Wood Structures](#) · Full-time · Feb 2011 – Jan 2015

- Led the technical office overseeing design, shop drawings, and implementation of wooden structure projects across Egypt.
- Managed wooden residential and hospitality projects including **Laguna Vista Mall** wooden shops (Sharm El-Sheikh, 2012), **Challet Amr Osman** (Haraneyya, Giza, 2012), and **Aqua Park Marsa Alam Hotel & Residence wooden clad chalets and landscape** (2014).
- Progressed to full design management responsibility covering client coordination, material specification, and site supervision.

Senior Architect / Design Manager | [Epsilon Consultants](#) · [Ibny Beita](#) · 2006 – 2011 & 2015 – Present

- Led design and implementation of landscape and mixed-use projects across Egypt and the Red Sea coast.
- Key projects: **Kahramana Hotel** (Marsa Matrouh, 2007), **Laguna Vista Residence** (Sharm El-Sheikh, 2007), **Ibny Beita Planning Project** (6th October City, 2006), **Zohoor Club landscape design** (New Cairo, 2007).
- Most recent: **Karma Compound landscape design** (2023) — Design Manager and lead coordinator.

RESEARCH & PUBLICATIONS

Total publications: 11 (8 journal articles + 3 conference papers) | Journals: IOP conference series journal, JAES (Cairo University Engineering journal) JAUES (Al-Azhar Engineering Journal), JES (Assiut Engineering Journal), Green Building & Construction Economics, MSA Engineering Journal, Journal of Structural Integrity and Maintenance.

Peer-Reviewed Journal Articles

1. *Saleh, E.A. & Gomaa, H.M. (2025). Impact of School Building Geometry on Energy Performance and Thermal Comfort in Hot-Arid Climates: A Case Study of Governmental Elementary Schools in Cairo.* MSA Engineering Journal, MSA University (Accepted Nov 2025).
2. *Saleh, E.A. & Ghazala, G.S. (2025). Towards Sustainable Heritage: Redevelopment of Historical Districts through Place-Quality Matrix.* Journal of Engineering Sciences (JES), Assiut University, Vol. 53, Issue 6, pp. 895–914. DOI/Link: https://jesaun.journals.ekb.eg/article_431855.html
3. *Saleh, E.A. & Gomaa, H.M. (2024). Artificial Intelligence and Landscape Design: AI as an Aided Design Tool for Gardens in Heritage Areas of Greater Cairo — Case Study: Sound and Light Garden of Giza Pyramids.* Journal of Al-Azhar University Engineering Sector (JAUES), Vol. 19, Issue 71, pp. 602–622. DOI/Link: https://jaes.journals.ekb.eg/article_352824.html

4. *Saleh, E.A. & Essam, B. (2023). Investigating the Impacts of Urban Microclimate on Building Thermal Performance in Present and Future Climatic Conditions: A Case of New Obour City, Egypt.* Green Building & Construction Economics, Universal Wiser, Vol. 4, Issue 1, p. 151. DOI/Link: <https://ojs.wiserpub.com/index.php/GBCE/article/view/2287>
5. *Saleh, E.A. & Gomaa, H.M. (2022). Community Development Within Slums' Illumination: A Post-Occupancy Evaluation Study of Al-Asmarat Project Inhabitants.* Journal of Al-Azhar University Engineering Sector (JAUES), Vol. 17, Issue 63, pp. 684–697. DOI/Link: https://jaes.journals.ekb.eg/article_207686.html
6. *Saleh, E.A. (2021). Students' Feedback & Architectural Engineering Education Development in the COVID-19 Era.* Journal of Al-Azhar University Engineering Sector (JAUES), Vol. 16, Issue 61. DOI/Link: https://jaes.journals.ekb.eg/article_207686.html
7. *Saleh, E.A. & Amer, N.A. (2017). Cultural and Behavioral Factors in Upgrading Deteriorated Urban Space — Case Study: Darb El Labbana, Old Cairo.* Journal of Engineering and Applied Science (JEAS).
8. *Saleh, E.A., Hosny, S., Rady, M. & Mahfouz, S.Y. (2026). Cost optimization of flat and solid slabs reinforced concrete buildings using evolutionary algorithms under Eurocode.* Journal of Structural Integrity and Maintenance, Vol. 11, Issue 1, pp. 2617644. Taylor & Francis.

Conference Papers

1. *Saleh, E.A. & Gomaa, H.M. (2018). Urban Transformation of Khedive's Cairo: A Study of Urban and Society Changes in One of the Oldest Districts in Monarchic Cairo.* WMCAUS 2018 — World Multidisciplinary Civil Engineering–Architecture–Urban Planning Symposium. IOP Conference Series: Materials Science and Engineering, Vol. 471, Issue 10, Prague, Czech Republic.
2. *Saleh, E.A. (2018). Anthropology Within Informality: The Community Culture as a Potential in Upgrading Informal Settlements in Egypt.* Health: The Design, Planning and Politics of How and Where We Live, University of the West of England, Bristol, UK.
3. *Saleh, E.A. (2019). Integrating Online Assessment and Online Grading in Higher Education (Poster) | Adopting the IDEAS Framework in Developing Countries to Support Lifelong Learning in Higher Education (Oral).* 3rd Annual International Conference on Higher Education, MSA University & University of Greenwich, Giza, Egypt.

ACADEMIC & COMMUNITY SERVICE

Conference & Workshop Organisation

Organizer & Speaker	Socio-Cultural Nodes in Historic Districts Workshop — MSA University & Effat University	Feb 2019
Organizing Committee	The Path to City Resilience International Conference — MSA University	Mar 2020
Speaker & Committee Member	Sustainability Gen-4: Post COP27 Conference — MSA University (Research: Urban Microclimates Simulation & Coupling Techniques)	Jan 2023

Quality Assurance & Accreditation

- Contributed to obtaining NAQAAE accreditation for the Faculty of Engineering, MSA University (Academic Year 2020–2021). Awarded Certificate of Appreciation by the Dean of the Faculty.
- Prepared and reviewed course monitoring reports (MMR), academic program specifications, annual program reviews (APR), and learning outcomes (PLOs) for the Architecture Engineering Program.

- Contributed to curriculum improvement plans for the Architecture Engineering Programme in line with QA and accreditation standards.

International Student Competition Supervision

- Coordinated and supervised MSA University students in Re-ConD'25 International Student Competition (Istanbul, October 2025) within the framework of Architectural Design VI (Contemporary Art Center, Darb El-Ahmar). Student Hadeel Zakareia awarded 2nd Prize (750 EUR); three groups received Honorable Mentions.

PROFESSIONAL DEVELOPMENT & TRAINING

Parametric Design Workshop	<i>OHI & Beirut Arab University (BAU)</i>	Jun 2019
DesignBuilder V7 – Whole Building Simulation Workshop	<i>MSA University, IBPSA & University of Greenwich</i>	Aug 2022
DesignBuilder (Certified)	<i>MSA University – People & OD Department</i>	Sep 2023
Advanced Instructional Design	<i>MSA University – People & OD Department</i>	Aug 2025
Graduation Project Supervision	<i>MSA University – People & OD Department</i>	Aug 2025
Cultivating Entrepreneurial Mindset	<i>MSA University – People & OD Department</i>	Aug 2025
Ethics of Human Research (Certified)	<i>MSA University – People & OD Department</i>	Aug 2025
Ethics of Animal Research (Certified)	<i>MSA University – People & OD Department</i>	Aug 2025

RESEARCH INTERESTS

- Urban microclimate simulation, building thermal performance, and climate-responsive design (ENVI-met, DesignBuilder)
- Informal settlement upgrading and community development in Greater Cairo Region
- AI-assisted landscape and architectural design, including heritage and historical areas
- Heritage redevelopment, place identity, and socio-cultural dimensions of urban conservation
- University campus landscape and its impact on student wellbeing and academic outcomes
- Higher education pedagogy, active learning, online assessment, and quality enhancement in architecture education

SKILLS & COMPETENCIES

Simulation & Environmental Analysis: DesignBuilder V7 · ENVI-met V4.0 · Ecotect

Design & Parametric Modelling: AutoCAD 2D/3D · Rhino · Grasshopper · Google SketchUp

AI & Visualization: Midjourney · Playground AI · Adobe Photoshop CS6

Office & Productivity: Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Languages: Arabic (Native) · English (Very Good) · French (Fair)

PROFESSIONAL CREDENTIALS

FHEA	Fellow of the Higher Education Academy, UK – Ref: PR171177 (Sep 2019)
PGCert HE	Post-Graduate Certificate in Higher Education, University of Greenwich, UK (Jul 2019)
Staff Code	11178 — Department of Architectural Engineering, MSA University
Specialisation	General: Urban Design Specific: Urban Design & Community Development

PERSONAL INFORMATION

Date of Birth	25 November 1983
Nationality	Egyptian
National ID	28311252102842

REFERENCES

Academic and professional references available upon request.