

Heba Mahrous Ali Abd El Aal

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Personal Information

Date of Birth: 26/11/1984

Nationality: Egyptian

Social status: Single.

Sex: Female.

Driving license: valid

Education

- **Associate Professor in Architecture**, Scientific Committee for Architecture and Planning, No.112 -Round14, 25th November 2023.
- **PhD in Environmental Planning and Design**, **Thesis title** “The Social Dimension As an Approach Towards Environmental Sustainability in Natural Reserves In Egypt”. Faculty of Engineering, Cairo University, September 2015.
- **Master degree in Environmental Planning and Design**, **Thesis title:** "Green Rating Systems As an Approach for Improving Environmental Response of Buildings in Egypt". Faculty of Engineering, Cairo University, November 2010.
- **B.Sc. in Architecture Engineering and Building Technology**, Department of Architectural Engineering & Building Technology, Modern Academy for Engineering & Technology, May 2006, Grade: Excellent with honors (Ranking: the 3rd)

Professional Experience

- **Associate Professor in Architecture**, 2023/11/25.
- **Full-time Lecturer**, Department of Architectural Engineering & Building Technology, Modern Academy for Engineering & Technology, 2015 - 2023.
- **Editor-in-Chief** of architecture Department Magazine , Modern Academy for Engineering & Technology, 2023.
- **Full-time Lecturer Assistant**, Department of Architectural Engineering & Building Technology, Modern Academy for Engineering & Technology, 2010-2015.
- **Full-time Teaching Assistant**, Department of Architectural Engineering & Building Technology, Modern Academy for Engineering & Technology, 2007-2010.
- **Head of Quality Assurance Unit** of Architecture Department at Modern Academy for Engineering & Technology in Maadi, 2015 - 2020.
- **Head of Student Complain Unit** of Architecture Department at Modern Academy for Engineering & Technology in Maadi, 2021- 2022.
- **Part-time lecturer**, Department of Construction & Building Engineering, Faculty of Engineering, **Egyptian Chinese University (ECU)**: Fall2020-2021, Fall2021-2022, Fall 2022-2023, Spring 2022-2023
- **Part-time lecturer**, Department of Architecture and Urban Planning, Faculty of Engineering, **Suez Canal University**, Fall 2017-2018.
- **Part-time lecturer**, Department of Architecture, Faculty of Engineering, **Heliopolis University**, from Fall 2015-2016 to Fall 2018-2019.
- **Part-time lecturer**, Department of Architecture, Faculty of Engineering, **El-Sherouk Academy**, from Spring 2016-2017 to Spring 2017-2018.
- **Part-time lecturer**, Department of Architecture, **Valley Higher Institute** for Engineering & Technology " from Fall 2015-2016 to Spring 2018-2019.
- **Architecture Designer**, 2008 - 2010.
- **Site Engineer and Interior Designer**, 2006 - 2008.
- **Supervisor** (construction-design-interior design), 2016 till present.

Teaching Experience

- **Environmental Control 1.**
- **Environmental Control 2.**
- **Architecture Design 1.**
- **Architecture Design 2.**
- **Architecture Design 3.**
- **Architecture Design 4.**
- **Architecture Design 5.**
- **Architecture Design 7.**
- **Graduation P r o j e c t .**
- **Building Construction 1.**
- **Building Construction 2**
- **Sustainable Architecture .**
- **3D-Modelling.**
- **Green Architecture .**
- **Acoustic &Lighting.**
- **Building Envelop Design.**
- **Humanity of Architecture.**
- **Training course (Model Design)**

Activities

- **Member at Environment committee in Egyptian Engineers Syndicate, Second Round 9-6-2024.**
- **Article Writer in NABTA -ENVIRONMENTAL CERATIVITY &URBAN PATTERNS- Electronic Magazine- Article Title: “Architecture & Culture Lines (1)” – Series of Articles (Architecture is A Life) ISSUE 14-JULY 2024.**
- **Guest in Radio Program – General Program Radio Station – “ Housewives” Program – segment Title : “What are Interior Design Ideas to Eid Al – Adha Carmony “- 6/2024**
- **Article Writer in NABTA -ENVIRONMENTAL CERATIVITY &URBAN PATTERNS- Electronic Magazine- Article Title: “Importance of Healthy Cities in Egypt “– Series of Articles (Architecture is A Life) ISSUE 13-May 2024.**
- **Guest in Radio Program – General Program Radio Station – “ Housewives” Program – segment Title : “Egyptian woman model “- 5/2024**

- **Article Writer** in **Misralbalad Electronic Newspaper** – Article Title: “St. Catherine Reserved Area Between Local Community & Diversity “- May 2024- misralbalad.com.
- **Speaker** in **Scientific Conference** “Future Vision for Cities and Communities in light of the Challenges of Climatic Change Conference”- International Academy for Engineering & Media Science - lecture Title: “A vision to a better life for future” -15th of May 2024- Egypt.
- **Speaker** in **Scientific Workshop** “MY LIFE-MY RIGHT” from ARAB UNION FOR SUSTAINABLE DEVELOPMENT AND ENVIRONMENT - Lecture Title: “Importance of Healthy Cities in Egypt “--20 APRIL 2024-EGYPT.
- **Speaker** in **Scientific Conference** “Sustainable Development & Egyptian Vision for 2030” – lecture Title “ **how to live green**” – BENHA UNIVERSITY -10 March 2024-Egypt.
- **Affiliated Member** in **Society of Egyptian Architects-SEA1917-ua Egyptian National Section** -No. 56 – From 1-3-2024.
- **Speaker** in **Scientific Workshop** “ The Digital Transformation for Sustainable Egypt 2030” - SCHOOL OF CONTINUING EDUCATION Lecture Title “ Are We Ready for Digital Transformation to Achieve Sustainability?” -February 2024, , Egypt.
- **Participation in The Election of the Engineers Syndicate- Architecture Division** February 2024- obtaining 9th place in the election .
- **Head of** Research & Development in Engineers for Sustainable Egypt, 2023.
- **Reviewer** for **Mansoura Engineering Journal (MEJ)**, 2023.
- **Reviewer** for **Journal of Engineering Research**, Tanta University, Faculty of Engineering, 2023.
- **External Reviewer** for “THE THIRD INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT ICAETSD2023”, 21st -22nd November, Fayoum University, Egypt.
- **Speaker** at "بيت المعمار المصري" about Sustainability and Climate Change, 2023.
- **Guest** at different television programs about Environment, Architecture Design, Drama & Culture, o 2021 till now.
- **Speaker** in Egyptian Meteorological Authority about “Environment Protection between Buildings and Cities” 2023.

- **Speaker** at Egyptian Society of Engineers about “Buildings impact on nature Environment” 2023.
- **Speaker** at “بيت المعمار المصري” about “Drama from Architecture Vision” 2023.
- **Member** at “Committee of Ideal Student Selection” Modern Academy Day “Together for Humanity” Modern Academy for Engineering & Technology, 2023.
- **Speaker** at Modern Academy Day “Together for Humanity” about “Environment in Drama” 2023.
- **Climate Ambassador**, 3rd edition of the Program of the Qualification of Climate Ambassadors-Environmental Studies - Ain Shims University, 2022.
- **Trainer** for The African Student Qualification of Climate Ambassadors, Program-Round 2, Environmental Studies - Ain Shims University, 2022.
- **Trainer** in Round 5, the Qualification of Climate Ambassadors Program for the Environmental Studies - Ain Shims University, 2022.
- **Volunteer** in Initiative, One Million Youth Volunteers for Climatic Adaptation, 2022.
- **Civilization Rights Ambassador**, according to completion of the first –round course, 2022.
- **Speaker** at HBRC about Sustainable Cities, 2022.
- **Speaker** at "مكتبة القاهرة الكبرى" about Culture & Environment, 2022.
- **Speaker** at online lectures and workshops (BIM Arabia) - (Arab Architecture School).
- **Member at Environment committee in Egyptian Engineers Syndicate**, 13-8-2022 .
- **Member** at Arab Union for Sustainable Development & Environment, 2022 till now.
- **Lecturer** in Carbon Footprint Diploma, Carbon Neutrality Initiative - United Nation, 2022.
- **Jury member** for Environmental Projects in ECG & UTW Training- Engineering Consultants Group University to Work, 2019 - 2020.
- **Instructor & Jury member** for EDUVATE Architecture Students Training Projects, 2021 till now.
- **Participate** in KEA (Environmental and Climate Change Forum), 2021.
- **Speaker** at online lectures and workshops (Studio 34) about Environment & Architecture, 2020.
- **Participate and Winner** in “CIVILIZATION RIGHTS TO BUILD CIVILIZATION CAMPAIGN” competition - under the supervisor of ACADEMY OF SCIENTIFIC RESEARCH AND TECHNOLOG, the British University in Egypt and the Center of Sustainability and Future Studies (CSFS), 2019.
- **Speaker** at Suez Canal University TEDx – Solitaire 2018, the talk was “How to live green” May 2018.

- **Owner** of Dr. Heba Mahrous in Environment page on Facebook, about Environment 2017till now.

Research Activities

- Published Papers in conferences & scientific journals.
 - **Research scope:** Architecture Teaching, Architecture Learning, Islamic Architecture, Sustainability, Social Impacts, Culture and Arabic Identity.
- 1- **Heba Mahrous Ali, How can sustainability be achieved by relying on architectural and urban heritage?**, ARCHCAIRO 8th International Conference, Building the Future Now, Department of Architecture, Faculty of Engineering, Cairo university, P 61-77, 2019.
 - 2- **Heba Mahrous Ali, Energy Efficiency as a tool to improve buildings behavior In Egypt. A framework to achieve low energy buildings locally.** The 3rd International Conference, 2019.
[DOI:10.21625/archive.](https://doi.org/10.21625/archive)
 - 3- **Heba Mahrous Ali, Architectural Teaching in the Face of the Corona Pandemic An Evaluation of Traditional and New Teaching Styles for Teaching Architectural Design to Reach the Most Appropriate Type.** ERJ, Menoufia University, Vol. 45, No. 2, April 2022, Pages 249-260, 2022.
[DOI: 10.21608/ERJM.2022.96066.1113](https://doi.org/10.21608/ERJM.2022.96066.1113)
 - 4- **Heba Mahrous Ali, Architectural Education and Targeted Skills an Evaluation study of Scientific Research influence as of Mechanisms of Teaching and Learning.** MANSOURA Engineering Journal, VOL.48, issue1, p1-9, feb, 2023.
[DOI:10.21608/ MJAF.2023.197807.3057](https://doi.org/10.21608/MJAF.2023.197807.3057)
 - 5- **Heba Mahrous Ali and Kareem Mahrous Ali, Applications of Recycled Plastic Waste in Architecture &Construction Field to Achieve Quality of Life in Egypt.** Journal of Engineering Research (ERJ), Vol. 7 – No. 1, Page 42-52, March 2023, Tanta University, Faculty of Engineering.
[DOI: 10.21608/ERJENG.2023.185485.1141](https://doi.org/10.21608/ERJENG.2023.185485.1141)
 - 6- **Heba Mahrous Ali, Arab Identity Between Architectural Documentation and Spatial Marketing,** (IJSRSD) vol 6, - No. 3, Sep 2023.
[DOI: 10.21608/IJSRSD.2023.315553](https://doi.org/10.21608/IJSRSD.2023.315553)
 - 7- **Heba Mahrous Ali, Community Change& Urban Spaces An analytical study of the traditional and updated gas stations spaces,** The Engineering Research Journal, the Faculty of Engineering-Materia-Helwan University, Vol. 179-No, 2023.

[DOI:10.21608/ERJ.315708](https://doi.org/10.21608/ERJ.315708)

- 8- **Heba Mahrous Ali**, **An analytical vision to achieve the principles environmental sustainability in Islamic architecture depending on one of the simulation programs**
(MIA) مجلة العمارة والفنون والعلوم الإنسانية ،
المجلد 10، العدد 49، يناير 2025. [DOI:10.21608/ MJAF.2023.197807.3057](https://doi.org/10.21608/MJAF.2023.197807.3057)
- 9- **Heba Mahrous Ali**, **Climate Change Challenges to achieve Healthy Cities in Egypt.**
Journal of Urban Research (JUR), Volume 47, Issue 4, 2023.
[DOI:10.21608/jur.2023.185762.1119](https://doi.org/10.21608/jur.2023.185762.1119)

CONFERENCES

- 1- Sustainable Mega Projects(Chance-Change-Challenge), the second international conference on sustainability and the future, BUE,2016.
- 2- The 3rd International Conference Architecture, Engineering and Technology(AET), Modern Academy for Engineering & technology,2019.
- 3- **بناء المستقبل الآن -الحق في حياة وعمران أفضل** (Building The Future Now-Rights to Better living, architecture& context), department of architecture, Cairo University, 2019.
- 4- 1st International Conference FUTURE CITIES in New Republic-Digital &Sustainable, HBRC27-26 , Feb. 2022.
- 5- مؤتمر الاقتصاد الأخضر في مصر – التحديات والفرص، مركز التنمية المستدامة بمدينة زويل للعلوم والتكنولوجيا والابتكار 1-2 مارس 2022
ندوة المدن الذكية- الندوة التحضيرية الثالثة للمؤتمر الهندسي العربي التاسع والعشرون، اتحاد المهندسين العرب، القاهرة، مصر 17-18-سبتمبر 2022

skills

- **Computer:** AutoCAD (2D-3D), 3D Max, Photoshop, Environmental program simulation (Design Builder Energy simulation), Revit ,MS office.
- **Languages:** Arabic: mother-tongue
English: very good spoken and writing

Referees

- **Prof. Zeinab Shafik**

Professor of Architecture

Department of Architecture, Faculty of Engineering, Cairo University.

Telephone: 01099944188

- **Prof. Hossam Elborombaly**

Professor of Architecture

Department of Architecture, Faculty of Engineering, Ain Shams University

Telephone:01222134602

- **Prof. Rasha Khoury**

Former Vice President for Education & Students Affairs at Egyptian Chinese University

Telephone: 01095555546

- **Prof. Ahmed Shetawy**

Dean of Faculty of Engineering, May University in Cairo

Telephone: 01005800557

- **Prof. Sherif El-Badawy**

Dean of Faculty of Engineering. Mansoura University

Telephone:01000183519

- **Prof. Hisham Mahmoud Aref**

Professor of Architecture

Department of Architecture, MSA University

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