

Dr. Samah Mohamed El Khateeb

Name: Samah Mohammed El Sayed El Khateeb

Date of Birth: 20/ 8/ 1980

Place of Birth: Cairo

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1- PRESENT POST

- Associate Professor, Urban Design and planning Department – Faculty of Engineering – Ain Shams University.
- Founder and PI of smart and future cities laboratory for sustainable urban solution, Faculty of Engineering, Ain Shams University.
- A member of the Consultancy Unit of Planning and Urban Design studies (CUPUD) - Faculty of Engineering – Ain Shams University.
- Expert in GOPP (General Organization for physical planning) from 10-2008 in urban planning and design field (environmental studies- urban planning & design).
- Environmental expert for some projects like; preparing EIA for factories in Cairo and other cities, besides preparing Estidama studies for villas in Abu Dhabi.

2- OTHER & PREVIOUS POSTS:

- Chair of Architecture Department, college of architecture & design, Effat University, Cairo, Egypt
- Executive Director of Architecture & Planning office, Cairo Branch (Prime Engineering Consultants for green cities).
- One of the Quality Assurance Unit (QAU) in Faculty of engineering, Ain Shams University.
- Visiting lecturer at MIU worked there as a part time lecturer in computer aided design application courses.
- Visiting lecturer at Cairo Academy, New Cairo city as part time lecturer in planning, urban design and housing courses.
- Visiting lecturer at British University in Egypt (BUE), Shrouk city as part time Islamic Architecture course and sustainability & built environment course.
- Visiting lecturer at Future University in Egypt (FUE), new Cairo city as a part time for urban design & housing 1.

- A member of the steering committee and a technical support at TEMPUS project titled: A Curriculum for Environmental Impact Assessment Courses (CEIAC), JEP_33097_2005, in collaboration with Stuttgart University (Contractor), University of Natural Resources and Applied Life Sciences – BOKU, Vienna, and HBRC and GOPP (Egypt).

3- ACADEMIC QUALIFICATIONS:

October 2010 PhD; ‘Impact of Environmental Strategies on the Planning Process in Egypt’ the thesis was evaluated by Dr, Sahar Attia (Cairo University) and Prof. Urlike Probstl, Boku University, Vienna, Austria.

June 2006 M.Sc: "Interrelations between Preserved Natural Areas and Urban Environment" from Planning and Urban Design Department, Ain shams University, Cairo, Egypt.

July 2002 B.Sc.: Architectural Engineering, Planning and Urban Design Department, Faculty of Engineering, Ain Shams University (1st rank on class, Very good and very good grade for the Graduation project).

4-TRAINING EXPERIENCE:

□ **August 2018:** workshop on interdisciplinary master’s program on resources efficient cities (IMaREC), from 12 to 15 August, 2018, Faculty of geography, UGM, Yogyakarta, Indonesia.

□ **March 2018:** Global Tall Building Studio - Design Workshop in Dubai, Manibal University, Dubai, United Arab Emirates.

□ **August 2016:** Sustainability in Gulf area workshop, including visiting sustainable city in Dubai & Estidama city, Abu Dhabi Dubai, United Arab Emirates.

□ **2014 -2016:** Training on writing self-study report for accreditation, writing semester activity report and program annual report, Effat University, Saudi Arabia.

□ **2014 -2016:** Student learning outcomes, assessment strategy and methods, Effat University, Saudi Arabia.

□ **2014:** Proctoring and preparing final exams, Effat University, Saudi Arabia.

□ **March 2016:** Training on national architecture accreditation board in USA - NAAB accreditation for substantial equivalency (preparing evidence files, visiting team room)

□ **October 2012:** Two-Weeks in the city of Cottbus in Germany for female architects and female civil engineers in the field of "Green Construction" within the context of the project "Professional Qualification in the Construction Sector", sustainability, integrated design, renewable energy and energy efficiency buildings.

- **July 2012:** Project management within the CCT/DAAD Kairo Academie.
- **April - 2012:** participating in the TOT (training of trainers) by the national center for faculty and leadership development. (I am now an associate trainer since May 2012 and my license as a trainer is valid for three years)
- **March -2012:** time management & project management modules held in the Cairo Academy in the DAAD office in Cairo.
- **November - 2011:** participation in the International Seminar with the title “Sustainability in Urban and Regional Planning” that took place between the 8th and 13th of November 2011 in Stuttgart, Germany.
- **May 2011:** work shop in the ISDF for the upgrading of the slum areas in Egypt.
- **October - 2010:** Courses in presentation skills, communication skills and preparation of conferences and workshops within project of raising capacity of university staff members funded by the EU.
- **July – 2008:** Strategic Environmental Assessment workshop training in Vienna, Boku Institute, Austria as an advanced training course of TEMPUS project CEIAC at Ain Shams University. **The course contained the following topics;**
 - Introduction into Strategic Environmental Assessment (SEA) Origination, EU-Directive, UNECE Protocol.
 - SEA guidance Key elements, Environmental Issues.
 - SEA in land use planning Integration in EU -member states.
 - Compilation of the environmental report SEA methods and tools.
 - Land use-plan with integrated landscape-plan from the municipality of Iffeldorf/GER (presentation of the environmental report).
 - Strategic Environmental Assessment for „Alpine Space II“2007-2013.
- **April – May 2008:** second round of Background Training Courses for the basic course of TEMPUS project CEIAC at Ain Shams University. Training encompasses multi – disciplines required to study EIA e.g. Geology, Ecology, Soil, Air Quality, Water Quality, Waste management and Noise.
- **29th January – 14th February 2008:** Intensive basic training course on environmental planning and Environmental Impact Assessment within the TEMPUS project CEIAC at the Institute of Landscape Planning and Ecology – University of Stuttgart, Germany.

The course covered the following topics;

- Solid waste management.
- Water management.
- Ecology.
- Soil.
- Geology.
- Air quality.

- Noise.
- **2nd December 2007 – 21st January 2008:** Background Training Courses for the basic course of TEMPUS project CEIAC at Ain Shams University. Training encompasses multi – disciplines required to study EIA e.g. Geology, Ecology, Soil, Air Quality, Water Quality, Waste management and Noise.
- **2006:** Courses in Designing Curriculum, Research Writing and International Publishing, and Morals of Academic Research within project of raising capacity of university staff members funded by the EU.
- **2005:** Courses in communication and presentation skills, Credit Hours, New Approaches in Teaching, Using Technology in Teaching and Profession Moral Constitution, within project of raising capacity of university staff members funded by the EU.
- **25 July – 24 August 2004:** "GIS Basic Course" organized by NCGIS project under the TEMPUS Program – Faculty of Engineering – Ain Shams University.
- **6 - 18 July 2004:** "Arc-GIS Introduction I & II Course" organized by NCGIS project under the TEMPUS Program – Faculty of Engineering – Ain Shams University.
- **July 2002:** Courses for "A Computer Graphics Diploma (photo shop – 3d max)" at Center of Planning and Architectural Studies.

5-MEMBERSHIP OF PROFESSIONAL BODIES

- Egyptian Syndicate of Engineers since July 2002

7-Conferences

- **August 2019:** keynote speaker at “the dynamics of settlement and regional development in Indonesia” , 16 August, 2019, Faculty of Geography UGM, Yogyakarta, Indonesia.
- **March 2018:** Keynote speaker at Jeddah and Alexandria water front workshop, Jeddah, Saudi Arabia.
- **March 2018:** Session chair and moderator, Memaryat 2nd international conference (architecture & urban resiliency), Effat University, Jeddah, Saudi Arabia.
- **November 2012:** Cities to be Tamed Conference: Standards and alternatives in the transformation of the urban south, Milan, Italy, 15-17 November 2012.
- **JULY 2012:** ACE-BS 2012 BANGKOK. ASEAN CONFERENCE ON ENVIRONMENT-BEHAVIOUR STUDIES, BANGKOK, THAILAND, 16-18 JULY 2012.
- **MAY 2012:** URBAN DEVELOPMENT AND MUNICIPAL MANAGEMENT FOR SUSTAINABILITY IN ARAB CITIES –UN HABITAT & KUWAIT MUNICIPALITY- KUWAIT, MAY -2012.

□ **November, 2012:** 4th International Congress on Environmental Planning and Management – HBRC – Egypt, November, 2012.

□ **ARUP 2008:** The First International Ain Shams University Conference on Culture and Urbanism *Cairo – Egypt, Oct. 2008*

□ **ARUP 2006:** The First International Ain Shams University Conference on Culture and Urbanism *Cairo – Egypt, Oct. 2006.*

6-WORKING EXPERIENCE

□ **2018 to date:** Associate Professor, Urban Design & Planning Department.

The taught courses were;

- Sustainability in landscape Architecture (Spring 2019– summer 2019)
- Environmental Impact Assessment (LAAR -summer 2019)
- Environmental Impact Assessment (ENVR -summer 2019)
- Ecological landscape (spring 2019)
- Urbanism & climate (spring 2019)
- Research methodology & analysis (spring 2019)
- Architecture design (5) (fall 2018- spring 2019)
- Sustainable urban development (spring 2019)
- Environmental studies (fall 2018)

□ **2014 to 2018:** Assistant professor and chair of Architecture Department, school of Architecture & Design, Effat University, Saudi Arabia. The work included the following;

- Chairing the departmental quality assurance unit for national and international accreditation.
- Chairing program review committee.
- Project manager of Memaryat international conference and student exhibition for three years.
- Advisor of freshmen students and special case students.

Teaching bellow courses;

- Urban design
- Architecture design studio (1)
- Architecture design studio (3)
- Architecture design studio (4)
- Architecture design studio (6)
- Introduction to landscape
- Research methods
- Professional practice

□ **2013 to 2014:** Assistant professor in Architecture Department, faculty of Engineering, British University in Egypt. The work included many administration and academic work, the taught courses were;

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- Islamic architecture.
- Intro to landscape architecture.
- Sustainability in the built environment.
- Arid architecture.
- Architecture Design (1).

□ **2007 to date: Executive Director of Prime Engineering consultant Cairo Branch, this office is a branch for the main head office in Abu Dhabi (UAE),** and we have a lot of projects in UAE and other Arab cities (urban design – architecture – landscape projects – Environmental studies).

UAE Projects:

- 1- Hydra Avenue towers
- 2- El odaiad towers
- 3- Rakeen twisted tower
- 4- Red Crescent projects in AD.
- 5- Kazakhstan embassy in AD.
- 6- Crime Scene village in Abu Dhabi.
- 7- Administrative Office buildings.
- 8- Large number of villas and residential compounds.
- 9- Design a sustainable house in Abu Dhabi
- 10- Applying Estidama guideline on Villas & Public buildings.
- 11- Interior design for some projects (hypermarket – restaurant & coffee-PASTRAC research centers)

KSA projects:

- Stadium of King Saud University (full design & interior design).
- Prince Saultan Advanced Technology Center (full design & interior design).

□ **2010 to date:** Lecturer at Ain Shams University – Faculty of Engineering – Planning and Urban Design Department. Courses for undergraduates are "Environmental Planning", "Environmental Control", "Architecture Design." and "Urban Design." For postgraduate studies courses are “environmental urban design”, Sustainable Urban design and “ecotourism”.

Courses involved in:

- Architecture design (3).
- Architecture design (4).
- Building drawings.
- Working drawing course.
- Landscape design.
- Interior design.
- Site analysis & selection.
- Landscape architecture.
- Islamic architecture.
- History of planning.
- Environmental planning.
- Urban planning.
- Urban design.

- Sustainability & built environment.
 - Graduation project.
 - Urban design & housing (1)
 - Urban design (2).
 - Computer application in architecture drawings.
- Preparing the Environmental Impact Assessment (EIA) for number of projects in Egypt (touristic village – small & medium factory).
- As an Environmental assistant expert at the General and Detailed Strategic Plan for ***Tahta city under the supervision of general organization for physical planning.***
- **2006 to 2010:** Teaching assistant at Ain Shams University – Faculty of Engineering – Planning and Urban Design Department. Courses for undergraduates are "Environmental Planning", " Environmental Control", " City Planning and housing", "Regional Planning" and "Urban Design"
- **2007:** Participated in the project of " **Preparing the General and Detailed Strategic Plan for the Egyptian Cities**" sponsored by the GOPP - MHUUC.
- As an Environmental assistant expert and a member of the CUPUD for Preparing the General and Detailed Strategic Plan for ***Al-Mansoura City.***
- As an Environmental assistant expert at the Integrated Development Group (IDG) with cooperation of Center of Planning and Architectural Studies (CPAS) for Preparing the General and Detailed Strategic Plan for ***Assiout City.***
- As an Environmental assistant expert for Preparing the General and Detailed Strategic Plan for ***Khanka city.***
- **2006-2007:** work in the project of upgrading slum & deteriorated areas in greater Cairo and work in the following areas:
- Helwan slum areas.
- Kafr el Elow slum areas.
- **2002 – 2008:** A member of the CUPUD team who participated in the national project of "**Preparing the Guidance Physical Plans for the Egyptian Villages**" sponsored by the GOPP – MHUUC in the following villages:-
- Monshat Abou Omar village.
 - El Ragdya village.
 - Beltag village.
 - Sa El Hagggar village.
 - El Shahidi village.
 - Kotamat El Khaba village.
 - Akyad El Bahria village.
 - Akyad El Keblya village.
 - El Amria village.
 - El Moatamadia village.

- Shobra Nbas village.
- Nawa village.
- Sanafer village.
- Nawfaa village.
- Damro El Sadat village.

□ **2003-2002: Junior Architect** at the Integrated Development Group (IDG), Architectural, Urban Design and Planning Consultancy.

Residential Complex comprising three villas and a Club house, Ahmed Orabi Ranches – total floor area 3000 m2.

Nefertari International schools, Ismailia Road – total floor area 20000 m2.

□ **2002 - 2006: Demonstrator** at Planning and Urban Design Department – Faculty of Engineering – Ain Shams University.

7-PUBLICATIONS

- The pyramids plateau: a dream searching for survival, Tourism management journal. (<http://ees.elsevier.com/jtma/>), (Received 12 May 2008; accepted 23 December 2008. Available online 14 February 2009).
- Integrating Environmental Strategies in the planning process in Egypt. ‘second international conference of architecture and urban planning departments-faculty of engineering, Ain Shams University (ARUP2008)
- Strategic Environmental Assessment in Lland Use Planning – Towards Establishing SEA framework in Egypt. (JAUES, 6-4-2010)
- Fayoum Oasis between Potentials and Constraints: Towards Enhancing Ecotourism in Egypt, URBENVIRON CAIRO 2011, and 4th International Congress on Environmental Planning and Management.
- SEA in Egypt: The Case of North-West Suez Gulf, URBENVIRON CAIRO 2011, 4th International Congress on Environmental Planning and Management.
- Will Sustainable Cities will be the Answer of Energy – Environmental Dilemma in Arab Worlds : towards A Sustainable Future
- Mapping Informal Areas in Egypt: Between the Past Interventions and New Urban Revolution. (Urban Development and Municipal Management for Sustainability in Arab Cities –UN Habitat- Kuwait- 5-2012)
- Change of Local Culture After The 25th Revolution and its Impact on Environment Awareness. AcE-Bs 2012 Bangkok. ASEAN Conference on Environment-Behavior Studies, Bangkok, Thailand, 16-18 July 2012.
- Empowering People in Egyptian Informal Areas by Planning: Towards an Intelligent Model of Participatory planning, Cities to be Tamed conference, Milan, Italy, November 2012. Plannum the journal of urbanism, n.2, volume 1/2013, www.planum.net.
- Brownfields in G.C.R.: A Neglected Potential for Re-development the Old City; Cities to be Tamed conference, Milan, Italy, November 2012. Plannum the journal of urbanism, n.2, volume 1/2013, www.planum.net.

- -S. E. Khateeb, "IoT architecture a gateway for smart cities in Arab world," 2018 15th Learning and Technology Conference (L&T), Jeddah, 2018, pp. 153-160. doi: 10.1109/LT.2018.8368500.
- Geographic Information System as a support Tool for Planners to Choose Sustainable Location for New Cities Development, Marwa Adel & Samah El Khateeb, The International conference titled Improving Sustainability Concept in Developing Countries (ISCDC) 2nd Edition, held in Egypt from 12th December to 14th December 2017.
- Sustainable Neighborhoods in Arab world; a Path Towards Sustainability: The Case of the Sustainable City in Dubai, Samah El Khateeb, The International Conference titled Improving Sustainability Concept in Developing Countries (ISCDC) 2nd Edition, held in Egypt from 12th December to 14th December 2017.
- Sustainable Socio-cultural Guidelines for Neighborhood Design in Jeddah, Khadijah Fatani, Mady Mohamed, Samah El-Khateeb, Procedia Environmental Sciences, Volume 37, 017, Pages 584-593, ISSN 1878-0296, <https://doi.org/10.1016/j.proenv.2017.03.045.2>
- A Study of Affordable Refugee Housing Solutions, Samah El Khateeb, 1st Memaryat International Conference MIC, Effat University, Jeddah, Saudi Arabia, April 2017
- How branding affects design to reveal A Commodified and commercial version of Architecture, Samah el khateeb, 1st Memaryat International Conference MIC, Effat University, Jeddah, Saudi Arabia, April 2017
- An Analytical Study of the Impact of Streetscape in Jeddah on Social Behavior of the Users, Mohamed Fekry & Samah El khateeb, International Conference on Agricultural, Civil and Environmental Engineering (ACEE-16) April 18-19, 2016 Istanbul, Turkey
- Emerging the Awareness of Cultural Heritage Through Digital Technologies and Mobile Low-cost Applications in Jeddah Open Wall Museum (JOWM), Gehan Nagy & Samah El Khateeb, 13th Learning and Technology Conference, Effat university. Jeddah, KSA, 2016

9- NATIONAL & INTERNATIONAL COMPETITIONS:

March 2012: Taking Leave Competition by the BUE – Submitted the first stage which was designing a sustainable new city in Sinai to attract the population from Delta and Cairo using new construction techniques, renewable energy and site selection by the GIS.

August 2011: the GOPP competition for designing a low cost housing for youth.

October 2010: Participate in the international competition for the urban design & harmony and historic conservation of Attaba & Opera squares, this competition was proposed by national organization for urban harmony.

May 2010: Participate in the international competition (short list competition) in EMAL administrative offices & facilities competition, Taweelah, Abu Dhabi, United Arab Emirates.

10- TRAINING COURSES:

May – 2012 till now : training courses for the professors, assistant professors and teaching assistant in Ain Shams University under the program of raising the capacity building under the National Center for Faculty and Leadership Development (NCFLD).

February – 2012/ April -2011/May – 2010: Strategic Environmental Assessment (basic concept): I was responsible for preparing all materials and lectures beside giving five lectures in these course which was held in HBRC, and the attendees were represented from different governorates and have a previous experience in environmental studies.

The lectures were:

Lecture 1: (Intro to Strategic Environmental Assessment)

Lecture 2: (Strategic Environmental Assessment, the process)

Lecture 3: (key elements and environmental issues for SEA process)

Lecture 4: (Integrating SEA in land use planning)

Lecture 5: (International examples for the strategic Environmental Assessment)

11-OTHER SKILLS:

Languages:

Arabic (Mother language)

English (Very Good)

Computer Knowledge:

Very good capacity in all Microsoft-office programs, Adobe Photoshop and AutoCAD.

Fair capacity in GIS, NVIVO and Freehand 8.

12- NGOs & ENVIRONMENTAL ACTS:

- Member of the management board of Remal Foundation for Urban development (non -profit organization) which is specialized in Urban development and sustainable urban development, my work there focusing on environment & sustainable development sector and applying green building on the future development of Egyptian housing.
- One of the founders of Tadweer Misr, which is a recycling initiative concerning of applying new & green techniques in the solid waste management in Egypt in urban areas in Egypt; formal or informal. (www.tadweermisr.com) ([www.facebook.com.tadweermisr.com](https://www.facebook.com/tadweermisr.com)).
- One of the founders of sustainability association in Egypt which is a NGO that concerns with green building & construction (under establishing now)