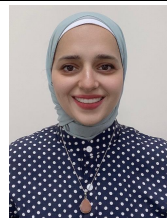


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Present job:

Architecture Engineer at Construction and Project Management Research Institute – Housing and Building National Research Center.

Educational Qualification

Current: Ph.D. Candidate

Post Studies with Grade Very Good at field of Urban Design and community Development,
Architecture Department, Cairo University

Master Degree 2015

Thesis Title: Artificial Lighting Techniques and its Effect on Users “Special Analytical Study of Heritage Buildings - Under Supervision Prof. Ayman Hasan Mahmoud and Prof. Hassan Fahmi Imam

Research Experience and Other Skills

Research Experience:

November 2019

- Paper entitled “Exploration of Early Civilization through Restoring Structural Stability of DJOZER Step Pyramid (Part II)” has been published in the Springer conference proceedings and for an ORAL presentation at the Geo-Meast 2019.

Dec, 2015

- paper entitled "The Effect of Urban Space Quality on Users Behavior" have been published in The First Arab Ministerial Forum for Housing and Urban Development conference 20-22 Dec, 2015, organized by League of Arab States, UN-HABITAT, HBRC.

Jun, 2013

- paper entitled "The Nuclei of Tourist Unlocked Collection and Projected on The Sustainable Development of The Region Saqqara - Warning Vision" have been published in The Future of Gated Communities: Towards Sustainable Urban Development conference 11–14 Jun, 2013 organized by HBRC Cairo/Arab Republic of Egypt.

The most important consulting work inside and outside the center
Housing and Building National Research Centre (HBRC) 87 Eltahrir street, Dokki, Cairo, Egypt.
main activities and responsibilities
<ul style="list-style-type: none"> • Follow up of construction schools and site visit. • Preparation of reports for higher management.
<ul style="list-style-type: none"> • Engineer at consultancy team “The develop project of Nasser Institute and turn it into a medical city”. 2022 • Member of consultancy team “Development of public private partnership for Construction and Demolition (C&D) Waste Management project for “New Cairo City”. • Member of consultancy team at “Development and consultation of an action plan to implement the National Construction and Demolition Waste management strategy. • One of the Engineering team “Construction and Demolition Waste Quantification, Characterization and Composition in four governorates (Kafr-El-Sheikh, Gharbeya, Quena, and Assiut)
The most important work inside the center
Housing and Building National Research Centre (HBRC) 87 Eltahrir street, Dokki, Cairo, Egypt.
main activities and responsibilities
<ul style="list-style-type: none"> • Organizing and facilitating training courses and workshops in cooperation with many international and local organization.
<ul style="list-style-type: none"> • Member of Egyptian code committee for current cities and its papillitis to convert to smart cities 2021
<ul style="list-style-type: none"> • Researcher in C&D quantification and prediction model Research project with GIZ and he ministry of the environment, 2021 – June 2022.
<ul style="list-style-type: none"> • Responsible for the scoping work for Participatory Infrastructure Project (PIP) Implementation of Geographic Information System (GIS) training Modules for Local Authorities in the Greater Cairo Region (GCR), 2019-2021
<ul style="list-style-type: none"> • Organized the Training Course Data Entry and Analysis by (Arc-GIS), 2019.
<ul style="list-style-type: none"> • Participated at GeoMEast International Congress and Exhibition, 2019.
<ul style="list-style-type: none"> • Lecturer at the Training Course Urban and project management for new cities, 2019.
<ul style="list-style-type: none"> • Organized the Training Course Environmental inspection for different environmental institution, 2019.
<ul style="list-style-type: none"> • Organized the Training Course GIS Applications in Urban Development, 2019.
<ul style="list-style-type: none"> • Organized the Training Course Urban development and site coordination, 2019.
<ul style="list-style-type: none"> • Organized the Training Course Remote Sensing, 2019.
<ul style="list-style-type: none"> • Organized and lecturer at Training Course Towards Fourth Generation of new Cities - Smart Cities, 2019.
<ul style="list-style-type: none"> • Organized and lecturer at Smart Cities: Theory and Possible Applications Workshop in cooperation with UTI, UN-HABITAT, GOPP, and Ministry of Housing, Utilities & Urban Communities, 2019.
<ul style="list-style-type: none"> • Participated at Resource Efficiency in Architecture and Planning program Workshop in HafenCity University, Hamburg, Germany, 2018.
<ul style="list-style-type: none"> • Lecturer and coordinator at training course Planning, Developing and Sustaining the New Rural Communities- the One and Half Million Project, 2017.
<ul style="list-style-type: none"> • Coordinator and Lecturer at first stage at GIS training courses Collaboration between GIZ and UTI, 2017.
<ul style="list-style-type: none"> • Instructor and coordinator of Integration of GIS training within UTI annual program Based on the PDPs manuals "(GIZ), Cairo, Egypt, 2017.
<ul style="list-style-type: none"> • Rapporteur of the expert group meeting on “fostering land governance in the Arab states” Capacity Development, Knowledge Management, and Regional Cooperation and Dialogue, Amman, Jordan, 2016.

<ul style="list-style-type: none"> • Organized the Training Course Urban Environmental Design Applications by ENVI-MET, 2016.
<ul style="list-style-type: none"> • Organized the Training Course Environmental requirements and environmental impact assessment for projects, 2016.
<ul style="list-style-type: none"> • Organized the training program Rehabilitation, Development and Evaluation of Candidates' skills for the post new engineering, 2016.
<ul style="list-style-type: none"> • Organized and participated A2, A3 And A5 Energy Efficiency in Built Environment workshop Cooperated With UTI, UFE, AUC and Faculty of fine arts- Helwan University, 2016>
<ul style="list-style-type: none"> • Participated in organizing and reporting Metropolitan Agriculture and Urban Planning Development workshop cooperated with Urban Training and Studies Institute (UTI) and Ecopolis Europa-NUFFIC., 2015.
<ul style="list-style-type: none"> • Organizing and reporting Social Tenure Domain Model (STDM) Awareness workshops cooperated with UTI, UN-Habitat, GLTN and other national organizations GOPP, NUCA, ISDF, 2015.
<ul style="list-style-type: none"> • Organized and participate the training of Trainer (T.O.T) GIS training Modules, 2015.
<ul style="list-style-type: none"> • Organized the Training Course Energy Efficiency in urban planning, 2015.
<ul style="list-style-type: none"> • Organized and participated the international courses "Metropolitan Agriculture and Urban Planning" and awareness Training Program "Social Tenure Domain Model (STDM)" cooperated with UN-Habitat, Ecopolis Europa, GLTN, 2015.
<ul style="list-style-type: none"> • Organized the training program "Rehabilitation, development and evaluation of skills of the candidates admitting for vice president of new cities, 2015.
<p>COMPUTER SKILLS:</p> <ul style="list-style-type: none"> • Expert of AutoCAD 2D &3D • Expert of Adobe Photo-shop • Expert of Microsoft Office programs • Good command in Geographical Information Technology (GIS) • Good command in Sketch-up • Good command in Revit Architecture