

Name	Mohamad Fahmy Abdel-Aleem Ramadan
Photograph	
Email address	md.fahmy@live.com, md.fahmy@ibpsa-interbuild.com
IBPSA affiliation	Egypt
Position and function in IBPSA local/world	
Member of IBPSA since..[years]	2008
Affiliation	Dr. Arch. Mohammad Fahmy PhD, MSc, BSc, mIAUC, mUSGBC IBPSA - EGYPT President Lecturer of Passive Architecture & Built Environment Deputy Head of Architecture Department Military Technical Collage Cairo, Egypt
Short paragraph describing background and interests not exceeding 200 words	<p>The complexity of urban climate interdisciplinary fields that prevented dedicating climate knowledge towards urban planning and applied design studies directed my research interests towards the built environment and its mutual effect with outdoor-indoor climate conditions with regards to neighbourhood and urban village form design to assessment.</p> <p>My PhD research thesis's title is: "Interactive urban form design of local climate scale in hot semi-arid zone" where some key urban passive cooling tools for outdoor comfort provision have to be considered such as the fabric form, housing typology and population density. CFD Numerical thermal performance modelling, solar and weather data analyses for urban form scenarios, urban trees microclimate, green structure...etc are of my research concern. Now, my investigations are going further for applying outdoor-indoor coupled studies to assess built environments using generated weather data for future climate urban forms and land uses generation by a developed regression model during my previous research.</p>

By this way, urban designers and planners might be able to anticipate their urban developments sketch designs and land uses on a climate basis. My architecture design expertise includes different ranges and scales of buildings through many firms since 1995 until now.

Education:

- Doctor Philosophy in Urban Environment Architecture, School of Architecture, University of Sheffield, August 2010.
- Master in Architecture Engineering, Military Technical College, MTC, Cairo, Egypt, January 2002 with courses GPA of 3.83, it was titled; "Integration of solar energy application with the architectural design of residential buildings at hot arid zones of arab republic of Egypt".
- Bachelor in Architecture Engineering, Military Technical College, Cairo, Egypt, June 1995 with overall grade of "Excellent", and Cultural Centre as graduation design project with grade "Excellent" also, B.Arch. GPA. 3.56 of 4 and was ranked the 1st among my graduate colleagues.