

Doctoral Candidate

Shaimaa Abouelmagd



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Curriculum Vitae

Shaimaa Abouelmagd is a member of the Habitat Unit as a PhD candidate. She completed her undergraduate studies and her Master of Science at the Faculty of Engineering, Department of Architecture in Ain Shams University-Egypt. She has two Diplomas – one in Geographical Information System from Egypt and another in Urban Studies from Vrije Universiteit Brussel, Belgium. She also joined the Centre for Geographical Information Systems in Lund University-Sweden for research in 2011.

Shaimaa Abouelmagd's PhD research focuses on exploring the process of rehabilitation of slums and isolating the factors affecting it, in order to meet the needs of the inhabitants, improve their livelihood and the urban space. Her case studies are taking place in Greater Cairo, Egypt.

Shaimaa Abouelmagd is a detail-oriented architect and urban planner

with experience in informal areas, slums and rehabilitation areas in Greater Cairo, regarding redevelopment processes and Geographical Information System (GIS) applications. Her work experience is in projects related to strategic planning. She has a wide familiarity with the urban fabric of Cairo and the social and economic fabric of the inhabitants of slums. She has 10 years of experience in lecturing and material preparations in the architectural field and the GIS applications for urban planning for undergraduates studies.

Education

Since 2012

Doctoral Dissertation, TU Berlin
(Working Title) The Livelihood and Rehabilitation of Slums in Greater Cairo. The Development and Evaluation Process from the Livelihood Perspective. (Supervisor: Prof. Dr. Philipp Misselwitz)

2010 – 2011

Research studies, Lund University – Sweden. Studies in the field of Geographical information system and Urbanity

2010

Master of Science (M.Sc.), Ain Shams University, Faculty of Engineering, Department of Architecture
(Thesis) Geographical Information System an Approach for the Development of Slums and Deteriorating areas

2008 – 2009

Urban Studies Module, Vrije Universiteit Brussel (VUB) Belgium. As a part of the master's program between the Free University of Brussels – VUB and KULeuven as an exchange student for two semesters in the Geography department in VUB

2004

Diploma in Information Technology (IT), Geographical Information System (GIS) field. The Cabinet Information & Decision Support Center, Information Technology Institute (ITI)

Employment History

Academic employment

2006–2011

Lecturer
Modern Sciences and Arts University (MSA), Faculty of Engineering, Architectural Department

2004–2011

Lecturer

Arab Academy for Science & Technology and Maritime Transport
(AAST), Faculty of Engineering, Architectural Department

2005

Lecturer

Ain Shams University, Faculty of Engineering, Architectural Department
Prepared a condensed course contents and syllabus including teaching
the application of GIS for the academic staff

Geographical Information System (GIS)

2006–2008

GIS Consultant

Sabbour Associates, dealing with Ministry of Water Resources and
Irrigation's project in Alexandria

2005–2006

Responsible for the GIS part of the projects

The Strategic Planning Project for the Egyptian villages into GIS, the
General Organization for Physical Planning (GOPP) in cooperation
with Ain Shams University and Helwan University Faculty of
Engineering, Department of Architecture and Department of Urban
Planning

General employment

2007–2011

Member of the Water Front committee

The National Organization for Urban Harmony (Ministry of Culture)

Research Projects

Since 2012

Doctoral Dissertation

(Working Title) The Livelihood and Rehabilitation of Slums in Greater
Cairo. The Development and Evaluation Process from the Livelihood
Perspective. (Supervisor: Prof. Dr. Philipp Misselwitz).

Teaching Activities

2016

Mentor for students from Germany, Tunis and Egypt in their research
and field work in local informal areas, with a special focus on the area
of Hay Ettadhamen. From „Ashwa'eyat" to „Habitat Spontané"
Transformation and Informal Urbanism, TU Berlin, ESAD, Ecole

National D'Architecture Et D'Urbanisme, Tunis

2004–2011

Teaching Geographical Information System applications on urban planning, AAST–Cairo Branch

2006–2011

Teaching assistant for the courses: Graduation Project, Design, Working drawings, Landscape and Urban design, Software applications (Autocad) and Architectural theories, MSA University

2005

Preparing and teaching a condensed Geographical Information System course for the academic staff, Ain-Shams University

Publications

Conference Paper

(2014) Accessibility to Livelihood Resources in the Egyptian Housing Upgrading Program, the Rehabilitation Approach Verses the Eviction Approach. The Case Studies of Suzan Mubarak Public Housing Project in Manshiet Nasser and Nahda City in Cairo. 6th international Conference, ARCHCAIRO 2014: Responsive Urbanism in Informal Areas, Towards a Regional Agenda for Habitat III. Cairo, Egypt, 25-27 November.

(2014) The rehabilitation of inner city slums in Cairo - a Livelihood perspective. The case Study of Ezbet-Haridy , Cairo - Egypt. The Contemporary Urban Issues Conference, Informality Rethinking the Urban, CUI 14. , Istanbul, Turkey, November 13-15, ISBN: 978-605-5120-91-7.

(2013) Geographical Information System an Approach for the Development of Slums and Deteriorating Areas in Cairo, Egypt. The 14th N-AERUS / GISDECO conference, Enschede, Netherlands, 12-14 September, ISBN: 978-90-365-0747-9.

Conferences

Conference Proceedings

2014

The rehabilitation of inner city slums in Cairo - a Livelihood perspective. The case Study of Ezbet-Haridy, Cairo - Egypt. Proceedings of the Contemporary Urban Issues Conference, *Informality Rethinking the Urban*. CUI, Istanbul.

Accessibility to Livelihood Resources in the Egyptian Housing Upgrading Program, the Rehabilitation Approach Verses the Eviction Approach The Case Studies of Suzan Mubarak Public Housing Project in Manshiet Nasser and Nahda City in Cairo. Proceedings of the 6th international Conference, ARCHCAIRO 2014: *Responsive Urbanism in Informal Areas.Towards a Regional Agenda for Habitat III.*, Cairo.

2013

Geographical Information System an Approach for the Development of Slums and Deteriorating Areas in Cairo, Egypt. *Proceedings of the 14th N-AERUS / GISDECO conference.*Enschede.

Working Papers

2013

Assessment on the Rehabilitation of Slums in Greater Cairo, Egypt. *Spaces and Flows*, International Conference on Urban and Extra Urban Studies, Amsterdam.

Invited Lectures

(2016) Invited expert in housing and Informality between Berlin and Cairo.*RealCityLab: Practice-orientation in architectural Education*, Berlin-Cairo, TU Berlin.

(2015) Invited expert in the workshop*Improving Cairo's Ashwa'eyat neighbourhoods: self-provisioning and local initiatives, state programs and development cooperation*, TUBerlin, Berlin, Germany.

(2013) Guest speaker for Seminar *Presse im arabischen Frühling (Ägypten)*.Institut für Kommunikations- und Medienwissenschaft, Leipzig Universität, Leipzig.

(2011) Speaker for the Seminar *Impressions from the streets of Cairo.African Weeks*, in collaboration with African Groups of Sweden and UF Malmo, Malmo University, Malmo, Sweden.

Grants, Awards, and Fellowships

2008–2009

**Erasmus Mundus scholarship
VUB, Belgium**

2010–2011

Erasmus Mundus scholarship

Lund University, Sweden

2011–2016

DAAD scholarship

awarded for Doctoral Dissertation

GERLS programme, TU Berlin