

MOHAMMED ALAA ADEL MANDOUR
Professor of Urban Design and Planning



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EDUCATION

IHS, Erasmus University Rotterdam, Netherlands

Institute for Housing and Urban development "IHS"-July2012

Post Doc. Studies: Land Management and Informal Settlement Regularization (LMISR)

Cairo University/MIT-USA

Ph.D. in Architecture and Urban Design – January 2000

Thesis Title" Building an interactive Community"

Supervisors': Prof. Medhat Dorra, Prof. Hamam Serajeldin.

USA Supervisor: Prof. Reihard Gothert (MIT, USA)

Awarded "Thesis of the Year 2000" by Cairo University.

MIT-USA/ Cairo University

Masters' Degree in Architecture and Urban Design – February 1993.

Thesis Title" The Inter-relationship between Architecture and Urban Spaces"

Supervisor: Prof. Reihard Gothert (MIT, USA)

Masters' Degree in Architecture Engineering and Urban Design – February 1993.

Cairo University, Faculty of Engineering, Architecture Department

Bachelor Degree in Architecture – June 1986.

AFFILIATIONS

- The American Planning Association, Associate APA, USA 2013
- The American Institute of Architects, Associate AIA, USA 1997
- The United Arab Emirates (UAE) Engineering Society, UAE, 2001
- Architecture Consultant September 2002.
- Urban Planning Consultant October 2005.

SCIENTIFIC COMMITTEES

- Editorial Board: International Journal of Architectural Research, MIT.
- Advisory Board: Journal of Islamic Architecture.
- Scientific Committee for Center for the Study of Architecture in the Arab Region (CSAAR) 2008 Conference-Sharjah, UAE.
- Scientific Committee for Center for the Study of Architecture in the Arab Region (CSAAR) 2007 Conference-Tunisia.
- Scientific Committee for The seventh International Conference of the Arab Society for Computer Aided Architectural Design ASCAAD 2013-KSA.
- Scientific Committee for The International Conference of Virtual Technologies and Uses, LAVAL, France 2014

JURY MEMBER

Jury Member of the International Architecture Award, UAE 2008.

Jury Member of the International Architecture Award, UAE 2009.

Jury Member of the International Architecture Award, UAE 2013.

**PROFESSIONAL & ACADEMIC
EXPERIENCES**

Helwan University- Cairo-EGYPT
Professor of Urban Design and Planning
June 2013-Current

Sultan Qaboos University- Muscat-Sultanate of Oman
Feb 2007-June 2013
Ass. Prof of Architecture

Helwan University- Cairo-EGYPT
Associate Prof. of Architecture and Planning
Dec 2007

KMA-Design Consultants
Founder
www.kma-dc.com
Current-Dec 1999

Ellerbe Bechet, Washington, USA /EGYPT.
MENA Technical Director
November 1999-December 2002

DIYAR Consultants, Cairo, EGYPT
Technical Manager
August 1997 – August 1999

Saudi Diyar Consultant, Saudi Arabia
Project Manager
July 1996 – August 1997

Harilgton-Azmi and Partners, USA/Cairo
Senior Architect, Coordinator
January, 1995

Zuhair Fayez Architect, Saudi Arabia
Senior Project Architect
January,1944

Saudi Diyar Consultants, Saudi Arabia –
Project Manager
February, 1993

Massachusetts Institute of Technology,
Arch. & UP Dept.-USA-Visiting Scholar/Lecturer
September, 1991

Saudi Diyar Consultant, Saudi Arabia
Architect and Urban Designer
February, 1989

Responsible for office and fieldwork. Assisting in the design of governmental

Alsthom Atlantic SGE, Egypt
Architect, Site Engineer and Assistant Planner
August, 1987

Dar El Handasa Consultant, Egypt
Architect and Urban Planner
September, 1986

HONORS

- **September, 1991** 'Peace Fellowship' The Egyptian Education Bureau, awarded a fellowship as a visiting scholar at Massachusetts Institute of Technology, USA.
- **PhD Awarded "Thesis of the Year 2000" by Cairo University.**
- **Aga Khan Award for Islam Architecture**
Country coordinator Responsible for Project Nominations for the Award cycle 2009/2010, 2010/2011 and 2011/2012.
- **Nominated Architect of the Year 2011 ME Architect.**
<http://www.designmena.com/thoughts/shortlist-announced-architect-awards>
- **Nominated Consultant of the Year 2012 Construction Week Magazine**

MAGAZINE ARTICLES

The fantasy of iconography

<http://www.constructionweekonline.com/article-3945-the-fantasy-of-iconography/>

Burj Dubai's inspiration the Mile High Illinois

<http://www.constructionweekonline.com/article-4701-burj-dubais-inspiration-the-mile-high-illinois/>

Architectural education in the GCC

<http://www.constructionweekonline.com/article-7743-architectural-education-in-the-gcc/>

Designers praise 40 years of UAE architecture

<http://www.designmena.com/thoughts/architects-praise-40-years-uae-architecture>

FUNDED RESEARCH

- 1- Co Investigator for the Research: Towards Sustainable Urbanization Patterns in Oman, GUTech, Oman research Council (Research Fund 94,000 O.R. Jan 2010 for three years).
Principal Investigator: Dr. Sonja Nebel, Professor- Dep. of Urban Planning and Architectural Design, GUTech German University of Technology (Focus: Urban Planning and Urban Management)
Co-Principal Investigators: Dr. Awni Shaaban, Professor- Dep. of Civil and Architectural Engineering, SQU (Focus: Sustainable City and Architecture)
Co- Principal investigator: Dr. M Alaa Mandour, Ass. Professor- Dep. of Civil and Architectural Engineering, SQU (Focus: Urban Theory and Urban Design)
Research assistant: MA. AlMajd Al Hinai, (PhD Candidate)
Research assistant: MA. Hamad Al Gharibi (PhD Candidate)
- 2- Master Planner : General Strategic planning for the Egyptian villages in Damnahour and Dumiat Governorate (The master development of 26 Villages), through Urban Planning Authority, Ministry of Housing, Egypt (Research Fund 780,000 LE, March 2005)
Principal Investigator/Master Planner : Dr. M Alaa Mandour, Assistant Professor of Architecture, Helwan University
Co-Principal Investigators: Dr Khaled Sami, Professor of Architecture, Helwan University
- 3- Master Planner: Ministry of Health, Cairo, EGYPT: the Health Reform Program, development of 77 Health care units in Monofia Governorate, Contract funded by the World Bank (with the calibration of Sheladia Inc., Washington, USA)

PUBLICATIONS

Published Journals and Book Chapter

1. **Mandour, M**, “**Cairo the Combat land**”, *Planum - the Journal of Urbanism*, ISSN 1723-0993 no. 26 vol. 1/January 2013.
2. **Mandour, M**. (Refereed Book Chapter) *Building Walls and Dissolving Borders: The Challenges of Alterity, Community and Securitized Space*, Edited by Max Stephenson and Laura Zanotti, -Virginia Tech University, USA- Ashgate Publishers ISBN: 978-1-4094-3835-9. Published: April 2013.
3. **Mandour, M** (Accepted Jan 2013) “Sustainable Informal housing by means of a better public space” *International Journal of Arab Culture, Management and Sustainable Development*. Inderscience Publishers, Genève, Switzerland.
4. **Mandour, M.**, “Identity between Experimentation and Alienation” *Engineering Research Journal*, Helwan University (Vol. 135, Sept. 2012).
5. **Mandour. M** " Cultural City Branding " ” *Journal of Islamic Architecture JIA*, UTM Publishers Ltd (Volume 2, issue 2, June 2012).
6. **Mandour, M.** “A Tale of A City” *Journal of Islamic Architecture JIA*, UTM Publishers Ltd (Volume 1, issue 4, Dec 2011).
7. **Mandour, M.** “Inside Outside” *Journal of Architectural and Planning Research JAPR*, Locke Science Publishing, (Special Issue attached to Volume 27 Number 4 Dec 2010).
8. **Mandour, M**, "Space Flow: Past, Present and Future" *Global Built Environment Review GBER* (Volume 7 Issue 2- 2010).
9. Ferwati, S, **Mandour, M.** :“Proportions and Human Scale” *IJAR: International Journal of Architecture & Research* (Volume 2, Number 1 March 2008).
10. **Mandour, M.**: “The Urban merge-Future Urban Place" *Open House International* (Volume 32, Number 3, page 38-47. September 2007).
11. **Mandour, M.** :“Mixed Reality: The Deconstruction of Time and Restructure Of Future” *IJAR: International Journal of Architecture & Research MIT* (Volume 1, Number 2, page 77-91 July 2007).
12. **Mandour, M.**:“Spatiality and Virtuality: Perception Virtual Urban Environments” *International Journal of Design Sciences and Technology* (Volume 13, Number 2, Europa productions, Feb 2006)
13. **Mandour, M:** “العمران بين العولمة والمحلية” “Urbanism between Contemporary and Globalization” Book Chapter "قراءات في الفكر المعاصر" by Ellie Hadad and Gamal Qwasmi (eds), 2009.
14. **Mandour, M** “التغريب و الإغتراب في العمران العربي المعاصر” “Westernization and Alienation in Contemporary Arab Architecture” Book Chapter "المدينة العربية المعاصرة" by Ellie Hadad and Gamal Qwasmi (eds), 2009.
15. **Augmented Heritage: New Era for Architectural Design, Civil Engineering and Urban Planning** Book Chapter Khaldoun Zreik, Reza Beheshti & Oqba Fakoush (eds).Europa Productions, Paris, France (2005) -ISBN 2-909285-32-4

Congress-Conferences-Workshops

1. **Mandour M.** "Tahrir Agora". L’ambiance comme enjeu de l’espace public méditerranéen contemporain, Tunisia Feb 2014
2. **Mandour M.** “**Cities to be tamed**”, Conference, Milan-Italy, November 2012.
3. **Mandour M.** “**Sustainable Urbanization Patterns in Oman**”, **Workshop**, GUteck, Muscat Oman, April 2012.
4. **Gulf Encyclopedia for Sustainable Urbanism, Seminar**, Harvard Design School, Feb 2012.
5. **ABET Program Assessment workshop- By Prof. Ashley Ater Kranov, PhD ABET Managing Director of Professional Services**, Sultan Qaboos University, Feb 2012
6. **Mandour, M** "**Decoding Cities: Past, Present and Future(The Case of Newly Urbanized Gulf Cities)**", Congress UIA 2011, Tokyo, Japan.
7. **Mandour, M.** “**Planning Regulations and Impacts on Urban Development**”, **International Research Symposium**, Towards Sustainable Urbanization Patterns in Oman. GUtech-Oman, June 2011
8. **Energy Efficiency in Buildings, TRC Workshop** October 2011, Muscat, Oman

9. **Mandour, M.** “Istanbul: East and West” Sinan & His Age International Symposium, Turkey, 2010.
10. **M. Khouki, K. Al Jabri, Mandour M.** " **Airflow Simulation and Smoke Movement in High Rise Buildings**" International Workshop on Fire Safety Engineering and Management (IWFSEM 2011) March 2011.
11. **Mandour, M.** " Prescriptive Vs. Proscriptive" 2nd Workshop on Urbanization - GÜtech Muscat 2010.
12. **Mandour, M.** “Architecture of Politics“ 11th International Bauhaus-Colloquium 2009-Weimer-Germany Workshop with Professor Christine Boyer, Princeton University.
13. **Mandour, M.** “Spatial Politics” Centre for Applied Philosophy, Politics and Ethics (CAPPE), University of Brighton Fourth Annual International, Interdisciplinary 2009.
14. **Mandour, M.** “Space Flow” General Assembly and Scientific Symposium, International Council on Monuments and Sites (ICOMOS) Quebec, Canada, 2008.
15. **Mandour, M.** “Deconstruction of History” Center for the Study of Architecture in the Arab Region (CSAAR 2007)-Tunisia.
16. **Mandour, M., Rabadi, Lana.,** “Al Quds/Jerusalem” Urban Planning Education (UPE 7)-Thailand the 7th International Conference on Urban Planning & Environment 2006.
17. **Mandour, M.** “Perceiving Virtual Environment” Computer Aided Architectural Design in Asia (CADDRIA) 2006: Japan-March 2006.
18. **Mandour, M.** “Geometric Patterns in Islamic Art” Lorentz Center, University of Leiden, Netherlands, Sept 2006.
19. **Mandour, M., Rabadi, L., Blebla, S.,** “There Is No Outside "The Case Of Jerusalem" , Union of International Architects (UIA) 2005, Istanbul Xxii World Congress Of Architecture, Istanbul, Turkey.
20. **Mandour, M.** “From "Hard Architecture" To "Soft Architecture", Architecture Form In the 21st Century. ACCAAD 2004, King Fahd Petroleum and Minerals University (KFPUM), Dammam, KSA.
21. **Mandour, M.** “New Approach for Urban Development:" The Case of Barkaa City- Oman" Sustainable Architecture & Urban Development, Cairo University 2004.
22. **Mandour, M.** “The Rejuvenating of Urban Form: Upgrading Public Open Spaces” TERRA 2003-The International Conference of Adobe Architecture, 2003, Yazd, IRAN.
23. **Mandour, M.**” Public Participation, Urban Governance, and Public Policy” World Planning Schools Congress, Shanghai 2001, China.

BOOKS

- 1- **Mandour, M.** “**Architecture and Urban Spaces of Low Income Communities**” 2010, Book, ISBN-10: 363927055X , ISBN-13: 978-3639270556 -Verlag Dr. Muller Aktiengesellschaft & Co. KG.

http://www.amazon.com/Architecture-Urban-Spaces-income-Communities/dp/363927055X/ref=sr_1_1?s=books&ie=UTF8&qid=1323340790&sr=1-1
- 2- **Mandour, M.** “**E-urban: Virtual urban Spaces**” 2010, Book, ISBN-10: 3639280946, ISBN-13: 978-3639280944-Verlag Dr. Muller Aktiengesellschaft & Co. KG.

http://www.amazon.com/-urban-Virtual-Urban-Spaces/dp/3639280946/ref=sr_1_2?s=books&ie=UTF8&qid=1323340790&sr=1-2
- 3- **Mandour, M.** : “Contemporary Architecture of Islamic Societies between Globalization and Traditions”. UTM Publishers Ltd published April 2012.

<http://islamicarchitecture.wordpress.com/2012/05/02/a-new-published-book-of-cias/>
- 4- **Mandour, M.** : “Modernity: Between East and West”. UTM Publishers Ltd , Final review and editing expected publication date June 2014.

Thesis Supervision and Advising

1. Ahmed EL Taweel, Currunt-Ph.D, Supervisor Department of Architecture, College of Engineering, Helwan University. **Ph.D Thesis:** Parametric design as a tool for light system efficiency
2. Doaa Hillal, Currunt-Ph.D, Supervisor, Department of Architecture, College of Engineering, Helwan University. **Ph.D Thesis:** KBS as a Tool for Improving Architectural Design Efficiency
3. Mohamed EL Sobeiy Currunt-Ph.D, Supervisor, Department of Architecture, College of Engineering, Helwan University. **Ph.D Thesis:** Urban Spaces in Khedive Cairo
4. Nader Mostafa, Currunt-Ph.D, Supervisor, Department of Architecture, College of Engineering, Helwan University. . **Ph.D Thesis:** Perception of Architectural: Virtual Reality as instrument in the design and perception of architecture.
5. Amr Hamdy El-Meligy, 2006-2009 M.Sc. (Defended), **Supervisor**, Department of Architecture, College of Engineering, Cairo University. **MSc. Thesis:** Integrated Touristic Development (strategy for sustainable tourism planning and its impacts).
6. Sara Kassri-Tunisia 2009 (Defended), **Co-Supervisor**, Department of Architecture, National School of Architecture and Urbanism, Tunis, Tunisia. **PhD Thesis:** The expression of the contemporary architecture in independent Tunisia through the official concourse.
7. Mohamed Rashad, 2008 M.Sc. (Defended), **Co-Supervisor**, Department of Architecture, College of Engineering, Cairo University. **MSc. Thesis:** Smart Building Applications
8. Shady Mohamed, 2008 M.Sc. (Defended), **Co-Supervisor**, Department of Architecture, College of Engineering, Cairo University. **M.Sc. Thesis:** Green Architecture impact on newly developed cities.
9. Khaled Salah, 2005-2007 M.Sc. (Defended), **Co-Supervisor**, Department of Architecture, College of Engineering, Helwan University. **MSc. Thesis:** Urban Space History (Analytical study of space and place in down town Cairo).
10. Fatma Mohamed El Nekeily 2004-2006 M.Sc. (Defended), **Co-Supervisor**. Department of Architecture, College of Engineering, Helwan University. **M. Sc. Thesis:** The Role of Rehabilitation in Low Income Communities (case Study Ezbat el Hagana).

STUDENTS AWARDS

1. RIBA (UK) Students' Competition 2009 (Student's Advisor) Civil and Architectural Engineering Department, SQU, Commendation Prize 5 Students enrolled.
2. Oxford Brooks University-England: Students' Competition 2002 (Student's Advisor) Commendation Prize for the 4 Groups, Helwan University. 5 Groups each 4 Students enrolled.
3. Union of International Architects UIA: Students' Competition 2004 (Student's Advisor) Commendation Prize, Helwan University. 2 Students enrolled.

REFERENCES

Prof. Reinhard Goethert, Director, SIGUS
Massachusetts Institute of Technology,
77 Massachusetts Avenue, Room 7-303
Cambridge, Massachusetts 02139-4307, USA
Tel: 001-617-253-8993

Prof. Sonja Nebel,
Dep. of Urban Planning and Architectural Design,
GUTech German University of Technology
sonja.nebel@gutech.edu.om

Prof Hazem Ziada
Architecture Programme Director Birmingham School of Architecture
Birmingham Institute of Art & Design
hazem.ziada@bcu.ac.uk