

# Mhd Wasim Yahia

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e-mail address	moohammed_wasim.yahia@hdm.lth.se		
Born	28 September 1979 in Damascus, Syria		
Profession	Architect and Urban desinger		
Education	PhD in Climate sensitive design	Lund University	2014
	Licenciate in Microclimate and outdoor thermal comfort	Lund University	2012
	Master in Architecture	Damascus University	2005
	Degree in Architecture (five years of academic studies)	Damascus University	2002

## Other relevant courses

GIS (advance level)	Lund University	2015
GIS for architects& planners	Lund University	2014
Towards a Sustainable Future	Utrecht University	2011
Heritage and Planning	Istituto Svedese (Roma)	2011
Encountring public sapce	Malmö/ Alnarp/APULA	2011
Environmental psychology	Lund University	2009
Urban landscape	Lund University	2009
Competitive Local Economy	Erasmus University	2008

## Academic Experience

<b>2014–</b>	<b>Researcher</b> Department of Architecture and Built Environment, Lund University
<b>2012-</b>	<b>Guest lecturer</b> Department of Architecture and Built Environment, Lund University
<b>2008-14</b>	<b>PhD candidate</b> Department of Architecture and Built Environment, Lund University
<b>2004-05</b>	<b>Guest lecturer</b> Faculty of Architecture, Damascus University

#### Professional Experience (selection)

- 2013 Architectural and landscape design for a sea house**  
Latakia, Syria.
- 2010–11 1<sup>st</sup> Architectural design prize (Cultural center)**  
Malmö, Sweden.
- 2007–08 The free media city (urban planning and design)**  
Minstry of media and minsrty of economy.  
Damascus, Syria.
- 2005-08 Chief architect (half time)**  
Damascus international Fairgrounds, Minstry of economy.  
Damascus, Syria.
- 2005–08 Chief architect (half time)**  
Consultative center for architecture and construction.  
Damascus, Syria.
- 2003-05 Architect (half time)**  
Damascus international Fairgrounds, Minstry of economy.  
Damascus, Syria.
- 2002–05 Architect (half time)**  
Consultative center for architecture and construction.  
Damascus, Syria.

#### Participation in Seminars/Workshops/Exhibitions

- 2009 Participating in the exhibition Talk Climate, Form Design Center, Malmö.
- 2008 Invited speaker to a workshop on climate-conscious design of low-income housing areas in Guayaquil, Ecuador.

#### Media

- 2014 Selected to be included in the 32<sup>nd</sup> Edition of a book "Who's Who in the World" for the year 2015.
- 2013 Interview with magazine Arkitekten (Sveriges Arkitekters).  
<http://old.arkitekt.se/s78144>
- 2013 Interview with the network Alkompis- På arabiska från Sverige (in Arabic)  
<http://www.alkompis.se/interesting/stories/6892/>

#### Publications

##### 1. Peer-reviewed original articles

- 2014 Yahia MW, Johansson E "Landscape interventions in improving thermal comfort in the hot dry city of Damascus, Syria - The example of residential spaces with detached buildings". Journal of Landscape and Urban Planning, 125: 1–16.
- 2013 Yahia MW, Johansson E "Influence of urban planning regulations on the microclimate in a hot dry climate: The example of Damascus, Syria". Journal of Housing and the Built Environment, 28 (1): 51–65.
- 2013 Yahia MW, Johansson E "Evaluating the behaviour of different thermal indices by investigating various outdoor urban environments in the hot dry city of Damascus, Syria". International Journal of Biometeorology, 57 (4): 615–630.
- 2013 Yahia MW, Johansson E "Microclimate in Hot Dry Damascus: The Influence of the Urban Environment on Human Perception". Journal of Earth Science and Engineering, 8 (3): 554–561.

## 2. Peer-reviewed conference contributions

2012 Yahia MW, Johansson E. Thermal perception and physical characteristics of urban spaces in Damascus, Syria. The 8th International Conference on Urban Climate (ICUC8), 6th-10th August 2012, UCD, Dublin, Ireland.

2012 Yahia MW, Johansson E. Urban microclimate and thermal comfort in outdoor spaces in hot dry Damascus. The 8th International Conference on Urban Climate (ICUC8), 6th-10th August 2012, UCD, Dublin, Ireland.

2012 Johansson E, Yahia MW. Improving outdoor thermal comfort in warm-humid Guayaquil, Ecuador through urban design. The 8th International Conference on Urban Climate (ICUC8), 6th-10th August 2012, UCD, Dublin, Ireland.

2012 Johansson E, Yahia, MW. The problem of poor microclimate in urban areas in hot dry climates and analysis of existing urban planning regulations. The 4th International Conference on Municipal Management and Urban Development for Sustainability in Arab Cities, 7th-9th May 2012, Kuwait.

2011 Yahia MW, Johansson E. The influence of environment on people's thermal comfort in outdoor urban spaces in hot dry climates – The example of Damascus, Syria. Architecture and Sustainable Development, In: Bodart M and Evrard A (Eds.), Proceedings of the 27th international Passive and Low Energy Architecture (PLEA) Conference, Louvain-la-Neuve, 13th-15th July 2011, Vol. I, p. 589–594.

2011 Johansson E, Yahia MW. Subjective thermal comfort in urban spaces in the warm-humid city of Guayaquil, Ecuador. Architecture and Sustainable Development, In: Bodart M and Evrard A (Eds.), Proceedings of the 27th international Passive and Low Energy Architecture (PLEA) Conference, Louvain-la-Neuve, 13th-15th July 2011, Vol. I, p. 577–582.

2010 Johansson E, Yahia MW. Towards a climate-sensitive urban design- the need to modify current planning regulations. In: Lehmann et al. (Eds.), Sustainable Architecture and Urban Development (SAUD 2010), Proceedings of the 7nd International Conference of the Centre for the Study of Architecture in the Arab Region, Amman, Jordan, 12th-14th July 2010, Vol. II, p. 293–306.

## 3. Reviewed books

2014 Yahia MW. PhD thesis. Towards Better Urban Spaces in Harmony with Microclimate: Urban design and planning regulations in hot dry Damascus, Syria. Division of Housing Development & Management (HDM), Dept. of Architecture and Built Environment, ISSN 1652-7666, ISBN-13 978-91-87866-39-5, Lund University, Sweden.

2012 Yahia MW. Licentiate thesis. Urban Microclimate and Thermal Comfort of Urban Spaces in Hot Dry Damascus: Influence of urban design and planning regulations. Division of Housing Development & Management (HDM), Dept. of Architecture and Built Environment, ISSN 1652-7666, ISBN-13 978-91-87866-37-1, Lund University, Sweden.

### Countries of Work Experience

Sweden, Syria, Middle Eastern Countries, Nigeria, Ecuador and Tanzania.

### Countries visited on Missions

Syria, Ireland, Belgium, Netherlands, Italy, Spain and Ecuador.

### Computer skills

CAD applications – Auto CAD 2D - 3D, Revit architecture  
Visualization – Rhinoceros, Sketch up, 3Dstudio Max  
Photo applications – Adobe Photoshop, Adobe InDesign  
Office application – Microsoft Office package  
Urban simulation – ENVI-met 3.1 and Autodesk Vasari  
Thermal comfort – RayMan and ASHRAE program  
Physical planning - ArcGIS

### Languages

English fluent

Arabic           fluent  
SwedishIntermediate  
French           Intermediate