

Dr. HAJ HUSSEIN Muhannad

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EDUCATIONION

- 2008-2012** **Ph.D. Degree, specialty: Architectural sciences and techniques:**
• thesis' title: "*Luminous and hygrothermal comfort quality investigation in the Palestinian dwellings. The courtyard: environmental and socio-cultural contribution*".
• At University of Bordeaux 1 and High National School of Architecture and Landscape of Bordeaux (ENSAP-Bx), France
• Mention: First class honors "Trés Honorable".
- 2004-2005** **Master Degree "Ambiance and comfort for architecture and urban planning ":**
• At University of Bordeaux 1 and ENSAP-Bx, France
• Mention: Very Good.
- 2003-2004** **French language courses:**
• At CUEF at Stendhal University, Grenoble 3.
• Advanced level.
- 2002-2003** **First year of Master in Architecture:**
• An-Najah National University, Nablus, West Bank, Palestine.
• Mention: Excellent.
- 1996-2001** **Diploma of Architecture (BSc. Bachelor of Science in architecture):**
• An-Najah National University, Nablus, Palestine.
• Mention: Very good; obtained the best notes in the class.
- 1995-1996** **Tawjihi " Scientific baccalaureat " (Offered by the National Ministry of education):**
• Maythaloun boys school, Jenin, West Bank, Palestine.

PROFESSIONAL EXPERIENCE

- Jan. 2013 – present** **Assistant professor:**
• Building Engineering Department at An-Najah National University.
• Courses:
- Environmental systems: daylighting, artificial lighting and acoustics.
- Architectural integrated design studio.
- 2010-2012** **Part time lecturer:**
• High National School of Architecture and Landscape of Bordeaux, France.
• Courses:
- Fundamental scientific tools & environmental (comfort) controlling
- Environmental design studio.
- 2005-2008** **Lecturer:**
• Building Engineering Department at An-Najah National University.
- Fev.-Sept., 2008** **Consultant:**
• Engineering studies and consulting center (AMAR).
• Thermal, lighting and acoustical studies in different architectural projects.
- 2004-2005** **Master degree Research:**
• Laboratory of GRECO in Toulouse, France. The subject "*climatic dimension in Palestinian traditional architecture*".
- 2001-2003** **Teaching Assistant & Research:**
• Department of Architecture at An-Najah National University.
- June – Sept., 2001** **Architect:**
• Serena office for Architecture, Nablus, Palestine.
• Architectural Design for public and private constructions.
- June – Sept., 2000** **Membership of urban planning team:**
• Urban planning Center of An-Najah National University.
• Study of the commune and villages, then work in team for the proposal plan of development.
- June - Sept.,1999** **Training course during 4th year of Bsc. architecture:**
• Midmak office for Architecture and Engineering, Nablus, Palestine.

May - Oct.. 1997

- Architectural Design for public and private constructions.
- Construction of a data base:**
- Center Riwaq for Architectural Conservation, Ramallah, Palestine.
- Creating for data base about the traditional buildings in the different villages and towns in west bank.

PUBLICATIONS AND PERSONAL CONTRIBUTIONS

Journal :

Haj Hussein, M., Barlet, A., & Semidor, C. (2010). Socio-environmental dimensions in outdoor spaces of contemporary Palestinian housing. *Open House International Journal*, Vol.35, No.2, pp. 67- 76.

Conference proceedings:

Haj Hussein, M., Barlet, A., & Semidor, C. (2010). The Significance and Usage of Contemporary Open Spaces In Housing Buildings: Inhabitants' Responses In Palestine. *ENHR2010 Conf « European Network For Housing Research »*, 4-7 Juillet, Istanbul, Turquie.

Haj Hussein, M., Barlet, A., & Semidor, C. (2010). Courtyard concept: A sustainable strategy for the future housing buildings in Palestine. *SAUD 2010*, Amman, Jordan, 12-14 July.

Haj Hussein M. & Semidor C. (2010) Design Strategies for Sustainable Housing in Palestine, case studies: Jericho and Nablus. *The 1st Built Environment Development Symposium: Real Estate and Housing Sustainability*. University of Dammam, Saudi Arabia. 25-27 Oct.

Poster présentations:

17 march 2011 1st Day-long symposium for doctoral students at Ensap, entitled « *Stratégies Architecturales pour un Habitat Durable en Palestine. La cour : choix socio-environnemental* ».

28 April 2011. Day-long symposium for doctoral students at doctoral school SPI- university of Bordeaux 1, entitled « *Contribution à la conception architecturale d'un habitat durable en Palestine : la cour comme réponse socio environnementale* »

ANOTHER ACTIVITY AND RESPONSIBILITY

Since 2001

Member in the Palestinian engineers Syndicate and the Jordanian engineers Syndicate.

COMPUTER COMPETENCES AND LANGUAGE

COMPUTER:

- OFFICE (*Word, Excel, PowerPoint*).
- *Environmental simulation: DesignBuilder, Ecotect, DiaLux, Relux, Dialeurope..*
- *Field measurements: Onset HOBOWare pro.*
- *Qualitative and statistic analysis: Sphinx, SPSS.*
- *CAD: Sketchup, AutoCAD 2D/3D.*
- *Adobe Photoshop, Corel Draw.*

Language:

- Arabic, French, English.

ADDITIONAL INFORMATION

November- 2005

Honorable mention:

- UNESCO and the municipality of Nablus.
- Competition for the architectural design of public spaces and facilities urban in the old city of Nablus.

2008-2012

French Government scholarship:

- Ph.D. Degree in sustainable architecture.

2003-2005

French Government scholarship:

- Intensive French language courses and Master Degree in architecture

June - 2001

Final graduate project "Al-Dyar University":

- An-Najah National University.
- The project understand the designing of an academic campus which including several

faculties, a swimming pool, a hall sports and several ground, university restaurant and theaters.

1997-2001

Honor degree:

- The best marks during the Bsc. in architecture.

REFERENCES

- **Professor, Scientific director for GRECAU, site of Bordeaux**
High National School of Architecture and Landscape of Bordeaux, France.
Prof. Catherine SEMIDOR:
Email: Catherine.semidor@bordeaux.archi.Fr
- **Associate professor, Faculty of Engineering.**
An-Najah National University, Nablus, Palestine.
Dr. Riyadh Abd Al Karim.
Email: awad@mail.najah.edu
- **Assistant professor.**
Chairman of Building Engineering Department.
An-Najah National University, Nablus, Palestine.
Dr. Mutasim Baba:
Email: mutasimb@hotmail.com