

# Publications

## Architectural Engineering Department

Year 2016

### *Journals*

1. **John Biln**, “On the Fabrication of Cultural Memory”, Journal of Islamic Architecture, 4:1, 27-32, 2016.
2. Arabi N. Al Qadi, Mahmoud B. Alhasanat, **Madhar Haddad**. Effect of Crumb Rubber as Coarse and Fine Aggregates on the Properties of Asphalt Concrete. American Journal of Engineering and Applied Sciences, 2016.
3. Mahmoud B. Alhasanat, Arabi N. Al Qadi, Salah Al-Thyabat, **Madhar Haddad**, Batool Nofal. Addition of Waste Glass to Self-Compacted Concrete: Critical Review. Modern Applied Science, Vol. 10, No. 11, 2016.
4. Mahmoud B. Alhasanat, Arabi N. Al Qadi, **Madhar Haddad**, Hashem Al-Mattarneh. Effect of Aggregate Size on the Engineering Properties of Palm Oil Clinker Concrete. Journal on Engineering Technology (JET), Vol 3, No. 4, 2016.
5. Mahmoud B. Alhasanat, Arabi N. Al Qadi, **Madhar Haddad**, Ayah Al-Eas and Amani Yaseen. The Addition of Plastic Waste in Self-compacted concrete: A Critical Review. International Journal of Current Research, Vol. 8, Issue, 06,
6. Belakehal, A., **TabetAoul, K.**, Farhi, A., (2016), “Daylight as a design strategy in the ottoman mosques of Algeria and Tunisia”, International Journal of Architectural Heritage; Conservation, Analysis and Restoration, 2016, Vol 10, Iss. 6, pp 688-703
7. **Ahmad Hasan**, Hassan Hejase, Shaimaa Abdelbaqi, Ali Assiand Mohammed O. Hamdan: Comparative Effectiveness of Different Phase Change Materials to Improve Cooling Performance of Heat Sinks for Electronic Devices. Appl. Sci., 6 (2016), 226.
8. **Ahmad Hasan**, Hamza Alnoman, Yasir Rashid: Impact of integrated photovoltaic-phase change material system on building energy efficiency in hot climate. Energy and Buildings. 130 (2016), 495–505.
9. Hasan, A., **K.A. Al-Sallal**, H. Alnoman, Y. Rashid, S. Abdelbaqi, Effect of integrating phase change materials (PCMs) into the concrete blocks on heat gain prevention in hot climate. Sustainability — Open Access Journal (2016) [in print]

10. **Ahmed Hassan**, Hamza Alnoman, Ali Hasan Shah: Energy Efficiency Enhancement of Photovoltaics by Phase Change Materials through Thermal Energy Recovery. Accepted “Energies”

11. **Ahmad Hasan**, Khaled A. Al-Sallal, Hamza Alnoman, Yasir Rashid, Shaimaa Abdelbaqi: Effect of integrating phase change materials (PCMs) into the concrete blocks on heat gain prevention in hot climate. Accepted- “Sustainability”

### *Conferences*

1. **Bleibleh, Sahera** (2016). Prioritizing Cultural Heritage: between Welfare and Rescue. Fourth International Architectural Conservation Conference on Sustainable Heritage. Dubai, UAE - Feb 14-16, 2016
2. **Rashed Al Shaali** , 4th International Architectural Conservation Conference & Exhibition, Dubai – UAE -14 -15 Feb,2016
3. **Jose Ferrandiz** , 10th BIM Academic Symposium 2016,4-5 April 2016, Gainesville/Florida
4. **Adham.K**, (2016). Inheriting the City : Advancing Understanding of Urban Heritage , 31 March -4 April 2016, Taipei / Taiwan
5. **Haggag. M**, Experimental approach to investigate thermal performance of plant-shaded façade in hot climate. 4<sup>th</sup> Annual international conference on architecture and civil engineering, Singapore -25-27 April, 2016.
6. **Galal.K**, ( 2016). Towards a Sustainable Urban form in Dubai, UAE: Investigating Accessibility and Walkability. 4<sup>th</sup> Annual international conference on architecture and civil engineering, Singapore -25-27 April, 2016.
7. **Tabet Aoul, K.A.**, Benkhedda, M., (2016) “The colors of ceramics in the medieval Arabic architecture of Tlemcen: Light and Ambiance”, 4th International Architectural Conservation Conference: Sustainable Heritage: Global Vision, Local Experiences, Government of Dubai, UAE, 14-16 February, 2016.
8. **Bleibleh, Sahera** (2016).Urban Violence and Commemorating Spatial Memories in old Town of Nablus .The Transgressive City , Mexico City –July 21-23,2016.
9. **Haggag. M (2016)** ,Thermal performance pf plant –shaded building facades in hot clime-5th International Conference on Zero Energy Mass Customized Housing – ZEMCH 2016, Kuala Lumpur, Malaysia.
10. **Galal.K**, Thinking beyond zero energy building .analysis of two residential urban forms in UAE-5th International Conference on Zero Energy Mass Customized Housing – ZEMCH 2016, Kuala Lumpur, Malaysia.

11. **Bleibleh, Sahera** (2016) Representation of Spatial Memories to Reconstruct Resilient Social Space, Open Society Scholarship Programs' MENA Regional 1st Alumni Conference 2016 entitled , 7-9th October 2016- Amman, Jordan.
12. **Gomez, Ariel** (2016). 5th Annual Middle East Smart Lighting and Energy Summit 2016, 26-27 September 2016, Abu Dhabi, UAE
13. **Tabet Aoul, K.A** (2016). 5th Annual Middle East Smart Lighting and Energy Summit 2016, 26-27 September 2016, Abu Dhabi, UAE

*Book Chapters*

1. **Jose Ferrandiz** Mixed Method Assessment for BIM Implementation in the AEC Curriculum, Chapter-January 2016,DOI: 10.1007/978-3-319-39483-1\_20,In book: Learning and Collaboration Technologies, pp.213-222.
2. Kheira Anissa Tabet Aoul, **Khaled Galal Ahmed**, Sahera Bleibleh (2016) Mass Housing: Challenges, Contemporary Paradigms and Future Potentials in Masa Noguchi (ed.) ZEMCH: Toward the Delivery of Zero Energy Mass Custom Homes, Switzerland: Springer International Publishing, pp: 31-64
3. **Tabet Aoul, K.A.**; (2016) Mass Housing: Challenges, Contemporary Paradigms and Future Potentials In Masa Noguchi Editor (Ed), ZEMCH: Toward the Delivery of Zero Energy Mass Custom Homes. Springer, Energy Efficiency Tract. (July 2016). Co-authors: Galal, K., and Bleibleh., S., pp 31-64,
4. **Tabet Aoul, K.A** (2016) Passive Design In Masa Noguchi Editor (Ed), ZEMCH: Toward the Delivery of Zero Energy Mass Custom Homes. Springer, Energy Efficiency Tract. ISBN 978-3-319-31965-0 (Due: 28 July 2016). Co-authors: Altan, H., Mona Hajibandeh, M.m Deep, A, pp. 209-236
5. **Tabet Aoul, K.A** (2016) Zero Energy Homes In Masa Noguchi Editor (Ed), ZEMCH: Toward the Delivery of Zero Energy Mass Custom Homes. Springer, Energy Efficiency Tract. ISBN 978-3-319-31965-0 (Due: 28 July 2016). Co-authors: Aeleneim L., Frattari, A., Riscala, L., Hashemi, A., Noguchi, M., pp: 275-310
6. <http://www.springer.com/gp/book/9783319319650>
7. Tabet Aoul, K.A.; Galal, K., and **Bleibleh, S.**, (2016) Mass Housing: Challenges, Contemporary Paradigms and Future Potentials ed Masa Noguchi, ZEMCH: Toward the Delivery of Zero Energy Mass Custom Homes. Springer, Energy Efficiency Tract. ISBN 978-3-319-31965-0 (Due: 28 July 2016), <http://www.springer.com/gp/book/9783319319650>
8. **Bleibleh, S.** (2016). "Voices from Within," in ed. Suleiman, Y. Being Palestinian: Personal Reflections on Palestinian Identity in the Diaspora. Edinburgh: Edinburgh University Press.
9. Jun-Tae Kim, Jin-Hee Kim, Ahmed Hassan, Caroline Hachem and Fred Edmond Boaf: ZEMCH: Toward the Delivery of Zero Energy Mass Custom Homes (2016) : Chapter- Active Systems. Springer Tracts. in Civil Engineering (STCE), pg.(237-275).