

CURRICULUM VITAE

Personal Details:

Full Name: DR. HASIM ALTAN

Address: School of Architecture
The University of Sheffield
The Arts Tower, Western Bank
Sheffield S10 2TN

Tel: 0114 222 0375

Email: h.altan@sheffield.ac.uk

Website: (School) www.shef.ac.uk/architecture/people/altan_h
(Research) www.beau.group.shef.ac.uk/

Qualifications:

The Technical University of Istanbul Department of Architecture	Diploma in Architecture	DipArch	Jul 1997
The University of Sheffield School of Architecture	Master of Architecture	MArch	Nov 1998
The University of Sheffield School of Architecture	Doctor of Philosophy	PhD	Oct 2004
The University of Sheffield School of Education	MEd/Postgraduate Diploma in Teaching and Learning for University Lecturers	PGCE	Sep 2008

Current Employment:

Lecturer in Sustainable Environmental Design
School of Architecture, The University of Sheffield, Full-time - Sep 2008 – Current

Previous Employment:

Associate Lecturer in Environmental Design
School of Architecture, University of Lincoln, Part-time - Oct 2007 – Apr 2010
Architecture, Built Environment, Sheffield Hallam University, Part-time - Apr 2006 – Apr 2010

Senior Research Fellow (Postdoctoral Research Associate)
School of Architecture, The University of Sheffield, Full-time - Oct 2004 to Aug 2008

Research Grants:

1. “**Green Wall Systems (GWS)**”, KTA Collaborative R&D project funded by EPSRC, £34,969, Nov 2012 – Nov 2013.
2. “**Developing an Economic Framework for a Building Insulation Product for Reducing Carbon Footprint and Cost for Installation**”, Research Studentship Award funded by EPSRC, £80,370, Oct 2012 – Oct 2015.
3. “**Effect of the Climate and Location on the Energy Consumption in the Retail Environment**”, Research Studentship Award funded by EPSRC & Marks & Spenser, £80,370, Oct 2012 – Oct 2014.
4. “**Crestron IBT**”, KTA Collaborative R&D project funded by EPSRC, £22,835, Apr 2012 – Jun 2012.
5. “**Wireless Friendly Energy Efficient Buildings (WiFEEB)**”, Research project funded by EU/FP7, Marie Curie Industry-Academia Partnerships and Pathways (IAPP), £395,000, Jan 2012 – Jan 2016, [Part of a large consortium led by Sheffield University, total €2.1million].
6. “**The Investigation of Connected Energy Efficient Domestic Buildings**”, Research Studentship Award funded by EPSRC & British Gas, £80,370, Oct 2011 – Oct 2014.
7. “**Energy Masterplan (EM)**”, KTA Collaborative R&D project funded by EPSRC, £34,098, Jun 2011 – Nov 2011.
8. “**Building for the Future (BftF) Projects**”, KTA Innovation Awards funded by EPSRC, £20,000, Jun 2011 – Aug 2011.

9. **"The BIG Energy Upgrade: Energy Innovation for Deprived Communities (EIDC)"**, Research project funded by EU/ERDF, £375,798, Apr 2011 – Mar 2014, [Part of a large consortium led by Kirklees Council, total £14.9million].
10. **"TPSI - Tall-Building Projects Sustainability Indicator"**, KTA Proof of Concept project funded by EPSRC, £53,699, Apr 2011 – Mar 2012.
11. **"EPSRC/ERDF Scoping Study: Building Energy Efficiency (BEE)"**, Research project funded by EPSRC, £46,500, Dec 2010 – Mar 2011, [Part of a cross-disciplinary research led by Architecture & Management Schools, University of Sheffield, total £92,000].
12. **"Post-Occupancy Monitoring of ICoSS Building at Sheffield University"**, Grant awarded by ARUP Yorkshire, Feb 2008 – Mar 2009, £5,000.
13. **"Testing Indoor Air Quality in Newly Built Energy Efficient Homes for the UK Social Housing Sector"**, Grant awarded by Pilkington Energy Efficiency Trust, Oct 2008 – Sep 2009, £20,000.
14. **"Design Development and Testing of a Low Energy Affordable Home for the Social Housing Sector"**, Grant awarded by Yorkshire Forward via the Accent Group, Mar 2006 – Feb 2009, £18,000.
15. **"Carbon Reduction in Buildings (CaRB): A Socio-Technical, Longitudinal Study of Carbon Use in Buildings"**, Research project funded by the EPSRC and Carbon Trust as part of Carbon Vision Buildings (CVB) programme, £238,265, Oct 2004 – Mar 2009, [Part of a large consortium led by De Montfort University, total £3.2million].

Most Recent Key Publications:

B.K. Nguyen and **H. Altan**. "Tall-Building Projects Sustainability Indicator (TPSI): A New Design and Environmental Assessment Tool for Tall Buildings", Buildings Journal by Open Access, Special Issue, Vol. 2, April 2012, pp. 43-62, ISSN: 2075-5309.

A.E. Piroozfar, **H. Altan**, O.P. Larsen. "Design for Sustainability: A Comparative Study of a Customised Modern Method of Construction vs. Conventional Methods of Construction", Architectural Engineering and Design Management Journal by Taylor & Francis, Issue 1, Vol. 8, February 2012, pp. 55-75, ISSN: 1745-2007, DOI: 10.1080/17452007.2012.650935.

S. Li and **H. Altan**. "Environmental Impact Balance of Building Structures and Substitution Effect of Wood Structure in Taiwan", International Journal of Environmental Protection by World Academic Publishing, Vol. 2, No. 1, January 2012, pp. 1-7, ISSN: 2224-7777, DOI: 10.5963/IJEP0201001.

B.K. Nguyen and **H. Altan**. "Comparative Review of Five Rating Systems", 2011 International Conference on Green Buildings and Sustainable Cities, Procedia Engineering Journal by Elsevier, Special Issue, Vol. 21, November 2011, pp. 376-386, ISSN: 1877-7058.

S. Li and **H. Altan**. "Environmental Impacts of Building Structures in Taiwan", 2011 International Conference on Green Buildings and Sustainable Cities, Procedia Engineering Journal by Elsevier, Special Issue, Vol. 21, November 2011, pp. 291-297, ISSN: 1877-7058.

Y. Zhang and **H. Altan**. "A Comparison of the Occupant Comfort in a Conventional High-Rise Office Block and a Contemporary Environmentally-Concerned Building", Building and Environment Journal by Elsevier, Issue 2, Vol. 46, February 2011, pp. 535-545, ISSN: 0360-1323.

H. Altan. "Energy Efficiency Interventions in UK Higher Education Institutions", Energy Policy Journal by Elsevier, Issue 12, Vol. 38, December 2010, pp. 7722-7731, ISSN: 0301-4215.

H. Altan and J. Mohelnikova. "Solar Control Glass", Solid State Phenomena Journal by Trans Tech Publications, Vol. 165, (2010), pp. 1-6, ISBN: 3-908451-86-8, ISBN-13 978-3-908451-86-0.

A.M.S. Kashkooli and **H. Altan**. "Reusability of High Rise Buildings: The Case Study of Arts Tower, Sheffield, United Kingdom", International Journal of Architectural Research by ARCHNET, Issue 1, Vol. 4, March 2010, ISSN: 1994-6961.

A.E. Piroozfar, O.P. Larsen, **H. Altan**. "Customisation in Building Design and Construction: A Contribution to Sustainability", In Frank T Piller & Mitchell M Tseng, Handbook of Research in Mass Customization and Personalization (In 2 Volumes), World Scientific Press (October 2009), pp. 969-998 (Chapter 8), ISBN: 978-981-4280-25-9.

J. Mohelnikova and **H. Altan**. "Evaluation of Optical and Thermal Properties of Window Glazing", WSEAS Transactions on Environment and Development Journal by WSEAS, Issue 1, Vol. 5, January 2009, ISSN: 1790-5079.

H. Altan, I. Ward, J. Mohelnikova, F. Vajkay. "Daylight, Solar Gains and Overheating Studies in a Glazed Office Building", International Journal of Energy and Environment by NAUN, Issue 2, Vol. 2, 2008, pp. 129-138, ISSN: 1109-9577.

H. Altan, I. Ward, J. Mohelnikova, F. Vajkay. "An Internal Assessment of the Thermal Comfort and Daylighting Conditions of a Naturally Ventilated Building with an Active Glazed Facade in a Temperate Climate", Energy and Buildings Journal by Elsevier, January 2009, Vol. 41, No.1, pp. 36-50, ISSN 0378-7788.

I. Ward, A. Ogbonna, **H. Altan**. "Sector Review of UK Higher education Energy Consumption", Energy Policy by Elsevier, Vol. 36, Issue 8, August 2008, pp. 2939-2949, ISSN: 0301-4215.

H. Altan. "Sustainability Design vs. Energy Performance", The Oxford Conference 2008, 22nd-23rd July 2008, Oxford, A Re-Evaluation of Education in Architecture, WIT Press, pp. 177-182, ISBN: 978-1-84564-206-8.