

Aiman ALBATAYNEH

Nationality: Jordanian, Australian

Marital Status: Married, 2 children

PROFESSIONAL MEMBERSHIPS

- **Engineers Australia** (No.3343703)
Professional Mechanical Engineer.
Professional Electrical Engineer/ Renewable Energy.
Professional Civil Engineer.
- **Jordan Engineers Association and Arab Engineers Association** (No.3/9979)
Mechanical Engineer/ Thermal Machines.

EDUCATION

2013- 2016

PhD in Engineering

The University of Newcastle, Australia (UON)

Number 1 young university in Australia and 19th worldwide¹

Number 2 in Australia for research in engineering²

Top 50 in the world for architecture and built environment³

Top 100 in the world for civil and structural engineering³

Thesis Title: The Development of a Comprehensive Metric Which Characterises the Thermal Performance of Complete Buildings.

2010- 2013

B.Sc. in Renewable Energy Engineering- Honours class2, div.2

The University of New South Wales (UNSW) *Ranked 21 worldwide⁴*

2006 – 2008

Diploma of Business Management

Lloyds International College Sydney, NSW, Australia.

2001 – 2004

Master Degree in Mechanical Engineering- Very good 77.6

Jordan University of Science and Technology, Irbid, Jordan.

1996 – 2001

B.Sc. In Mechanical Engineering, Thermal Machines-Good 2.51

Al-Balqa' Applied University, Amman, Jordan.

1996

Jordanian Tawjihi / Science Stream - 89.2%

1-The 2014 QS 'Top 50 universities under 50 years old'. **2**-Excellence in Research for Australia (ERA).

3-QS World University Ranking by Subjects. **4**-QS World University Rankings by Faculty (Engineering) 2015.

COMPUTER SKILLS

- **AutoCAD and Autodesk Inventor Fusion 3D**
- **Autodesk CFD:** Computational Fluid Dynamics
- **Autodesk Ecotect :**Sustainable Building Design Software
- **Microsoft Office:** Professional (Word, Excel, PowerPoint)
- **GaBi 4:** Software and databases for life cycle assessment
- **AccuRate:** National House Energy Rating Scheme- Australia
- **PV-SYST :** Design of Photovoltaics systems
- **TAPM :** The Air Pollution Model for wind forecasting

EMPLOYMENT/ WORK EXPERIENCE

2016-	Assistant Professor - German Jordanian University
2013-	Researcher - Priority Research Centre The University of Newcastle, Australia
2006-2010	Private business, Australia
2005	Migrate to Australia as a Skilled Professional Engineer Assessment for my exams, qualifications and my experiences matched the professional level for Engineers Australia and the Australian Immigration Department.

FURTHER TRAINING

2009-2015	<ul style="list-style-type: none">• Laboratory Safety, The University of Newcastle Australia (UON)• Health and Safety Risk Assessments, (UON)• Skillmax Program, Course for Overseas Professionals NSW Government -Department of Education and Training. Australia.• Effective Spoken Skills for the Workplace NSW Government -Department of Education and Training. Australia.• Learning Strategies for workplace Training NSW Government -Department of Education and Training. Australia.• Language and Culture of Employment in Australia NSW Government -Department of Education and Training. Australia.
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LANGUAGES

- English: Excellent Reading, Writing and Speaking.
- Arabic: Excellent Reading, Writing and Speaking.

LICENSES

- Occupational health and safety/Australia.
- Driver's license.

PUBLICATIONS

- **Albatayneh A.**, Alterman A., Page A., Moghtaderi B., The Significance of Time Step Size in Simulating the Thermal Performance of Buildings, *Advances in Research*; (2015), Vol. 5, Issue: 6. ISSN: 2348-0394.
- **Albatayneh A.**, Alterman A., Page A., Moghtaderi B., Warming issues associated with the prolong simulation of housing using CFD analysis, Accepted to be published in *Journal of Green Building*; (2016), V11 N2, spring issue.
- **Albatayneh A.**, Alterman A., Page A., Moghtaderi B., Assessment of the Thermal Performance of Complete Buildings Using Adaptive Thermal Comfort, *Urban Planning and Architecture Design for Sustainable Development Conference in Italy 2015*, *Scencedirect.com - Social and Behavioral Sciences* 216 (2016) 655 – 661.
- Tashtoush, G., Al-Widyan M., **Albatayneh A.**, Factorial Analysis of Diesel Engine Performance Using Different Types of Biofuels, *Journal of Environmental Management*, Volume 84, Issue 4, September (2007), Pages 401-411.
- **Aiman Albatayneh** as part of under undergraduate thesis students. ARC Photovoltaics Centre of Excellence, The University of New South Wales Australia, Annual Report (Final Draft) (2012) Page 17.
- **Albatayneh A.**, Alterman A., Page A., Moghtaderi B., A Universal Metric to Characterise the Thermal Performance of Complete Buildings, Submitted to *Energy and Buildings Journal*.
- **Albatayneh A.**, Alterman A., Page A., Moghtaderi B., An Alternative Approach to the Simulation of Wind Effects on the Thermal Performance of Buildings, Submitted to *Energy and Buildings Journals*.

INTERESTS

Reading, travelling and fishing.

REFEREES

Will be provided on request.