

Curriculum vitae

Personal Particulars

Name	Abdulrahman Sulaiman Albidah
Place and Date of Birth	Saudi Arabia, 25 February 1985
Nationality	Saudi
Language Known	Arabic & English
Mailing Address	Civil Engineering Department College of Engineering King Saud University P.O. Box 800, Riyadh 11421 Saudi Arabia
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Education

- **Ph.D., April 2016**, Civil Engineering (Structural), The University of Melbourne, Melbourne, Australia. Thesis title: *Vulnerability and Risks of Collapse of Structural Concrete Walls in Regions of Low to Moderate Seismicity*.
- **M.Sc., July 2011**, Civil Engineering (Structural), The University of Melbourne, Melbourne, Australia. Thesis title: *Seismic Amplification Coefficients Investigation Based on a Stochastic Attenuation Model for Selected Cities in the Region of Saudi Arabia*. Awarded the degree with a *First Class Honours*.
- **B.Sc., July 2007**, Civil Engineering, King Saud University, Riyadh, Saudi Arabia. Graduated with a GPA 4.86 out of 5.

Academic Positions

- **Assistant Professor (April 2016 - present)**. Department of Civil Engineering,

King Saud University, Riyadh, Saudi Arabia.

- **Lecturer (July 2014 – April 2016).** Department of Civil Engineering, King Saud University, Riyadh, Saudi Arabia.
- **Teaching Assistant (September 2007 – July 2014).** Department of Civil Engineering, King Saud University, Riyadh, Saudi Arabia.

Scholarships, Honours and Awards

- Awarded a scholarship for postgraduate studies in Australia (for both M.Sc. and Ph.D. studies) from King Saud University, Riyadh, Saudi Arabia, held from October 2008 – April 2016.
- Recognized for outstanding academic achievement for five years by the Cultural Mission of the Royal Embassy of Saudi Arabia, Canberra, Australia (2009 - 2013).

Teaching Experience

- **Casual teaching staff member (2011 – 2015).** Department of Infrastructure Engineering, The University of Melbourne, Melbourne, Australia. Duties included tutoring and marking exams.
- **Tutor (2007 – 2008).** College of Engineering, King Saud University, Riyadh, Saudi Arabia. Experience in the following subjects:
 - *Steel Design (CE-473)*
 - *Foundation Engineering (CE-482)*
 - *Mechanics of Materials (CE-302)*
 - *Soil Mechanics II (CE-480)*

Professional Experience

Site Engineer and Material Engineer (July 2007 – September 2008), Al Rashid & Al Mangour Co., Riyadh, Saudi Arabia. Site engineer for six months and material engineer for nine months. Collaborated on company projects at the following sites at Al Imam Mohammed University:

- *Construction of Faculty of Languages and Translation.*
- *Construction of Faculty of Computer Science and Information Systems.*
- *Construction of Supporting Deaneries.*

Research Interests

- Earthquake seismology and ground motion modelling.
- Non-linear dynamic analyses of structures.
- Seismic behaviour of limited-ductile structures in regions of low seismicity.
- Deformation modelling of reinforced concrete elements.

Computer Skills

Familiar with **FORTRAN** programing language and competent in operating many other software, including:

- Windows XP, Microsoft Office and Endnote.
- Structural software: SAP 2000, SPACE GASS, STAAD PRO and STRAND 7.
- Specialized packages: SHAKE 91, GENQKE, RUAUMOKO and OpenSees.
- Generic engineering software: AutoCAD and MATLAB.

Short Courses and Practical Training

- Attended the ‘Designing with Computers’ seminar, at the Institution of Structural Engineers (ISTRUCTE) in Victoria, Australia hosted by The University of Melbourne, Melbourne, Australia, 27 July 2015.
- Attended the ‘Designing for soil structure interaction’ course, at the Institution of Structural Engineers (ISTRUCTE) in Victoria, Australia hosted by The University of Melbourne, Melbourne, Australia, 7 November 2011.
- Attended a 32 week English language course at the Hawthorn-Melbourne English Language Centre, Melbourne, Australia, 13 October 2008 – 1 May 2009.

- Attended the 'Projects Planning and Scheduling' course, at the King Saud University Training Centre, Riyadh, Saudi Arabia, 7-18 April 2007.
- Received undergraduate training at the AL Rashid & AL Mangour, Riyadh, Saudi Arabia, 10 June 2006 – 19 August 2006.
- Attended the 'Microsoft Office' course at the Al MAWRID Training Centre, Riyadh, Saudi Arabia, summer 2003.

Conferences

- Attendant and participant at the Infrastructure Engineering Postgraduate Conference, The University of Melbourne, Melbourne, Australia, 13 November 2015.
- Attendant of the Concrete Keynote Speakers Post-Conference Tour, Concrete Institute of Australia, Swinburne University of Technology, Melbourne, Australia, 22 October 2013.
- Attendant and participant at the Australian Earthquake Engineering Society Conference, Hobart, Australia, 15-17 November 2013.
- Attendant and participant at the Infrastructure Engineering Postgraduate Conference, The University of Melbourne, Melbourne, Australia, 15 November 2013.
- Attendant and participant at the Infrastructure Engineering Postgraduate Conference, The University of Melbourne, Melbourne, Australia, 2 November 2012.
- Attendant and participant at the Australian Earthquake Engineering Society Conference, Novotel Barossa Valley, Australia, 18 - 20 November 2011.
- Attendant of the Bridges and Tunnels Conference, Sydney, Australia, 28 June 2011.

Publications

- **Albidah, A**, Altheeb, A, Lam, N & Wilson, J 2015, 'Modelling non-linear behaviour of lightly reinforced concrete walls', paper presented to the Tenth Pacific Conference on Earthquake Engineering (Building an Earthquake-Resilient Pacific), Sydney, Australia, 6 - 8 November 2015.
- Altheeb, A, **Albidah, A**, Lam, N & Wilson, J 2015, 'Analytical modelling of strain penetration deformation in reinforced concrete members', paper presented to the Tenth Pacific Conference on Earthquake Engineering (Building an Earthquake-Resilient Pacific), Sydney, Australia, 6 - 8 November 2015.
- **Albidah, A**, Altheeb, A, Lam, N & Wilson, J 2013, 'A Reconnaissance Survey on Shear Wall Characteristics in Regions of Low-to-Moderate Seismicity', paper presented to Australian Earthquake Engineering Society 2013 Conference, Hobart, Tasmania, 15-17 November 2013.
- Altheeb, A, **Albidah, A**, Lam, N & Wilson, J 2013, 'The Development of Strain Penetration in Lightly Reinforced Concrete Shear Walls', paper presented to The Australian Earthquake Engineering Society 2013 Conference, Hobart, Tasmania, 15-17 November 2013.
- **Albidah, A**, Altheeb, A & Lam, N 2011, 'Stochastic Attenuation Modelling: Saudi Arabian Case Study', paper presented to The Australian Earthquake Engineering Society 2011 Conference, Novotel Barossa Valley, South Australia, 18-20 November 2011.