

Curriculum Vitae



Mansour Nasser Jadid

Personal Information

<i>Name</i>	MANSOUR NASSER JADID
<i>Date & Place of Birth</i>	February 13, 1956 G. Riyadh, Saudi Arabia,
<i>Nationality</i>	Saudi
<i>University Address</i>	University of Dammam, University Campus Projects College of Architecture and Planning Department of Building Science and Technology P. O. Box 2397 Dammam 31451, Saudi Arabia
<i>Private Address</i>	P. O. Box 30973 Alkhobar 31952, Saudi Arabia
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Academic Qualifications

<i>2004-Present</i>	Associate Professor of Civil Engineering Department of Building Science and Technology University of Dammam, Dammam, Saudi Arabia.
<i>1995</i>	Assistant Professor of Civil Engineering Department of Building Science and Technology University of Dammam, Dammam, Saudi Arabia.
<i>1994</i>	Ph.D in Civil Engineering The University of Edinburgh

Department of Civil and Environmental Engineering
King's Buildings, Edinburgh EH9 3JL, UK.

- 1987 Master of Science in Civil Engineering (MSCE)
Pennsylvania State University
University Park, PA. 16802, USA.
- 1981 Bachelor of Science in Civil Engineering (BSCE)
The University of Washington, Seattle, WA. 98195, USA.

Teaching Experiences

- 1995 to 2013 Courses: Civil, structural courses and technical projects for the building science and architecture students.
- Fall 1994 Teaching Assistant at the Department of Civil and Environmental Engineering, University of Edinburgh, UK.
- 1987 to 1989 Lecturer at King Faisal University in the Department of Building Science and Technology, KFU.

Professional Experiences

- 2003 to Present General Supervisor for the New University of Dammam Campus Projects & Prince Mohammed Bin Fahd Bin Abdulaziz Center for Research & Medical Studies, Dammam, Saudi Arabia.
- 2001 to 2003 Assistant General Supervisor for the New University of Dammam (Formerly King Faisal University) Campus Project, Dammam, Saudi Arabia.
- 1997 to 1999 Vice Dean for Academic Affairs - College of Architecture and Planning.
- 1982 to 1984 Site Engineer at the New Imam University Campus Project. The New Imam University Campus Project, Riyadh - Saudi Arabia

Projects Management & Supervision

Managing and Supervising projects that cost more than two Billions US dollars at University of Dammam Campuses.

Publications

- 2013 **Jadid, M. N.**, "Classification of Engineering Consultancy Firms Using Self-Organizing Maps: A Scientific Approach", *International Journal of Civil & Environmental Engineering (IJCEE)*, Vol. 13, Issue: 03, pp. 46-55.
- 2013 **Jadid, M. N.**, "A Practical Approach For Computing Soil Bearing Capacity Under Shallow Foundations Using Vibro-Replacement Method", *International Refereed Journal of Engineering and Science (IRJES)*, Vol. 2, Issue 5, May 2013, pp. 54-62.

- 2013 **Jadid, M. N.**, “Development of a Web-Based Decision Support System for Materials Selection in Construction”, *Journal of Civil Engineering and Technology (JCIET)*, Vol. 4(2), pp 177-188.
- 2013 **Jadid, M. N.**, “Innovation in Bills of Quantities for Engineering Practice by Using a Hierarchical Structural Database with Multilanguage Data”, *Journal of Civil Engineering and Construction Technology*, Vol. 4(4), pp. 123-133.
- 2012 **Jadid, M. N.**, and Badrah, M. K., “Decision Support System Approach for Construction Materials Selection”, *Proceedings of the Symposium on Simulation for Architecture and Urban Design (Sim AUD 2012)*, March 26-30, 2012, pp. 13-19, Orlando, Florida, USA.
- 2009 **Jadid, M. N.**, “Improving Collaboration between Construction Professional by Web-Based for Engineering Construction Projects”, *The Emirates Journal for Engineering Research (EJER)*, Issue 1 – Vol. 14, June 2009, pp. 19-27.
- 2007 **Jadid, M. N.**, and Idrees, M., M., “Cost Estimation of Structural Skeleton Using an Interactive Automation Algorithm: A Conceptual Approach”, *Automation in Construction*, Vol. 16, pp. 797-805.
- 2007 Idrees, M., M. and **Jadid, M. N.**, “Implementation of a Web-Based Multi-User Task Management System in a Civil Engineering Construction Project. *Fourth International Conference on Construction in the 21st Century (CITC-IV)*, “Accelerating Innovation in Engineering, Management and Technology”. July 11-13, 2007, pp. 673-683, Gold Coast, Australia.
- 2006 **Jadid, M. N.**, and Idrees, M., M., “A Strategy for Collecting and Evaluating Information on Engineering Consultant Offices Using Neural Networks: A Case Study”, *The Joint International Conference on Computing and Decision Making in Civil and Building Engineering*, Montreal, Canada. June 14-16, 2006, pp. 2311-2322.
- 2005 **Jadid, M. N.**, and Idrees, M., M., “Electronic Document Management System (EDMS) in Civil Engineering Projects”, *The 6th Construction Specialty Conference*, June 2-3, 2005, pp. 1-9, Toronto, Ontario, Canada.
- 2005 **Jadid, M. N.**, and Idrees, M., M., “An Information Technology Conceptual Approach at a Construction Site by Using a Mobile Computing”. *Journal of Engineering Research, Sultan Qaboos University*, pp. 99-105.

- 2004 **Jadid, M. N.**, “Prediction of Slab Deflections Using Statistical Neural Networks”, *The Current Trends in Artificial Intelligence and Applications*. Editors by Yaacob, Nagarajan, Chekima and Sainarayanan, pp. 163-169.
- 2003 **Jadid, M. N.**, and Abdulwahab, M. F., “Towards Understanding Structural Modeling: A Teaching Tool for the Engineering Students”, *The Ninth Arab Structural Engineering Conference (9ASEC)*, November 29 - December 1, 2003, pp. 701-708, UAE University, UAE.
- 2003 **Jadid, M., N.**, “Stone Column Techniques for Improving Sub-soil Condition: A Case Study”, *International Conference on Construction Technology (CONTEC 2003)*, 13-15 October 2003, pp. 226-236, Kota Kinabalu, Sabah, Malaysia.
- 2003 **Jadid, M., N.**, “An Artificial Simulator in a Topographic Survey Investigation: A Case Study”, *Emirates Journal for Engineering Research*, Vol. 8, No. 1, pp. 51-55.
- 2003 **Jadid, M. N.**, “Predicting and Visualizing of Engineering Parameters Using Statistical Inductive Learning Simulator”, *Scientific Journal of King Faisal University*, Vol. 4, No. 1.
- 2002 **Jadid, M. N.**, “Prediction of Slab Deflections Using Statistical Neural Networks”, *International Conference on Artificial Intelligence in Engineering and Technology*, Sabah – Malaysia, 17-18, June 2002.
- 2001 **Jadid, M. N.**, “Displacements Analysis by Implementing Statistical Inductive Learning and Scientific Visualization Approach to Assist Experimental Investigations”, *Kuwait Journal of Science and Engineering*, Vol. 28, pp. 89-92.
- 1998 **Jadid, M. N.**, Fairbairn, D. R., “A Neural Network Framework Approach to Assist Experimental Investigations”, *Emirates Journal of Engineering Research*, Vol. 3, pp. 13-21.
- 1997 **Jadid, M. N.**, “Prediction of Stress-Strain Relationships for Reinforced Concrete Sections by Implementing Neural Network Techniques”, *Journal of King Saud University*, Vol. 9, [Engineering Sciences No. 2], pp. 169-189.
- 1996 **Jadid, M. N.**, Fairbairn, D. R., “Neural Network Applications in Predicting Moment-curvature Parameters from Experimental Data”, *Engineering Applications of Artificial Intelligence*, Vol. 9, No. 3, pp. 309-319.
- 1995 **Jadid, M. N.**, Fairbairn, D. R., “Adjustments of Error By Neural Networks for the Shear Carried by Stirrups of a Beam-Column Joint”, *Expert Systems with Applications*, Vol. 9, No. 3, pp. 257-269.

- 1994 **Jadid, M. N.**, Fairbairn, D. R., “The Application of Neural Network Techniques to Structural Analysis by Implementing an Adaptive Finite-Element Mesh Generation”, *Artificial Intelligence for Engineering Design, Analysis and Manufacturing (AIEDAM)*, Vol. 8, No. 3, September 1994, pp. 171-191.
- 1991 Topping, B.H.V., **Jadid, M. N.**, and Kumar, B., “Artificial Intelligence and Structural Engineering: A Bibliography”, in Topping, B.H.V., (Editor), *Artificial Intelligence and Structural Engineering*, Civil-Comp Press Edinburgh, September 1991.
- 1991 Topping, B.H.V., Kumar, B., **Jadid, M. N.**, “Artificial Intelligence and Civil Engineering: A Bibliography”, in Topping, B.H.V., (Editor), *Artificial Intelligence and Civil Engineering*, Civil-Comp Press Edinburgh September 1991.

Conferences and Symposiums

- 2013 World Congress on Engineering 2013 (WCE 2013).
Imperial College, South Kensington Campus, London, UK, 3-5 July 2013.
- 2013 The Sixteenth Gulf Engineering Forum “Environmental in the Arab Gulf Region.”
Saudi Council of Engineers, Hilton Jeddah, Jeddah, Saudi Arabia. February 2-4, 2013.
- 2012 20th Annual Conference of the International Group for Lean Construction.
San Diego State University, San Diego, California, USA, July, 17-22, 2012.
- 2012 Symposium on Simulation for Architecture and Urban Design SimAUD 2012.
The Florida Hotel and Conference Center, Orlando, Florida, USA, March 26-30, 2012.
- 2011 ASCE 141st Annual Civil Engineering Conference: Sustainable Infrastructure-Civil Engineering Solutions.
Memphis Marriott, Downtown, Tennessee, USA, October, 20-22, 2011.
- 2010 World Congress on Engineering & Computer Science 2010 (WCECS 2010).
Clark Kerr Campus, University of California, Berkeley, San Francisco, California, USA, October 20-22, 2010.
- 2008 Symposium: Disasters’ Management and Safety of Buildings in Arab Countries.

Ministry of Municipal and Rural Affairs (MOMRA), Riyadh, Saudi Arabia, April, 12-15, 2008.

- 2007 Fourth International Conference on Construction in the 21st Century.
Accelerating Innovation in Engineering, Management and Technology, Gold Coast, Australia, July 11-13, 2007.
- 2006 Joint International Conference on Computing and Decision Making in Civil and Building Engineering, Montreal, Canada, June 14-16, 2006.
- 2006 The First Symposium of Charitable and Affordable Housing in Saudi Arabia.
Projects of Prince Mohamed Ben Fahad Ben Abdulaziz for Affordable Housing in eastern Province.
Alkhobar, Saudi Arabia, April 18-19, 2006.
- 2005 The 6th Construction Specialty Conference, Toronto, Ontario, Canada, June 2-3, 2005.
- 2004 Third Symposium on the Prospects of Scientific Research in the Arab World, April 14-17, 2004.
King Fahad Cultural Center, Riyadh, Saudi Arabia.
- 2003 The Seventeen National Computer Conference
King Abdulaziz University and Saudi Computer Society
Madinah, Saudi Arabia, December 15-18, 2003.
- 2003 International Conference on Engineering Applications of Neural Networks, University of Malaga, Malaga, Spain, September 8-10, 2003.
- 2001 International Conference on Engineering Applications of Neural Networks, July 16-18, 2001.
University of Cagliari, Cagliari, Italy.

Workshops, Seminars & Tutorials

- 2013 Workshop: Implementation and Evaluation of the Work Planned Preventive Maintenance and Upgrading Using Computer.
London, UK, April 7-11, 2013.
- 2013 Workshop: Teaching Skills in the 21st Century.
University of Dammam, Dammam, Saudi Arabia, February 17-18, 2013.
- 2011 Workshop: Smart Campuses: Trends and Case Studies.

Ministry of Higher Education, Riyadh, Saudi Arabia,
January 18, 2011.

- 2011 Workshop: Recruiting, Developing & Retaining a Faculty for the
Twenty-First Century, Alkhobar, Saudi Arabia, January 2-3, 2011.
- 2010 The Essential Academic Leader
University of Dammam, Dammam, Saudi Arabia, May 19, 2010.
- 2009 Training Course: Strategic Thinking & Business Planning.
Alkhobar, Saudi Arabia, March 18-19, 2009.
- 2008 Workshop: From Maintenance to Asset Management - A Tested
Road map.
Riyadh, Saudi Arabia, October 26, 2008.
- 2007 Workshop by PROJACS International:
Value Engineering / Management
Module I – 40 Hours (Five days)
Al-Khobar, Saudi Arabia, 17-21 March 2007
- 2007 Workshop by PROJACS International:
Professional Project Management – Preparatory Course for PMP
Certificate
Jeddah, Saudi Arabia, 14-18 April 2007.
- 2006 Workshop by Euro MaTech
Effective Leadership for Persuading & Influencing Others
February 19-20, 2006.
Intercontinental Hotel, Al-Ahsa, Saudi Arabia
- 2005 Seminar: Neuro Linguistic Programming
September 24-26, 2005.
Certified by The Canadian Training Center of Neuro-Linguistic
Programming, Manama, Bahrain.
- 2005 Workshop by Euro MaTech
Creativity for Distinguished Leadership
January 2-3, 2005.
Intercontinental Hotel, Al-Ahsa, Saudi Arabia

Research and Post-Doctoral Scholarship

- 2010 Overcoming Obstacles Facing Contractors in Saudi Arabia.
A Funded Project by the Deanship of Graduate Studies and
Research of the University of Dammam.
- 2005 Classification of the Consultants Engineering Offices for the

Private Sectors Using Artificial Neural Networks.
A Funded Project by King Abdulaziz City for Science & Technology, Riyadh, Saudi Arabia.

- 2004 Nominated by Texas International Education Consortium (TIEC) to represent Prince Mohammad University (PMU) as a local counterpart for the Civil Engineering curriculum.
- 2001 - 2003 Evaluating and Selecting Structural Engineering Systems Using Artificial Neural Networks.
A Funded Project by the Deanship of Graduate Studies and Research of the King Faisal University, Al-Ahasa, Saudi Arabia.
- 1999 - 2000 Fulbright Scholar Program. Advanced Research and University Lecturing Awards in the United States.
USIA Fulbright Senior Scholar Program.
Council for International Exchange of Scholars.
3007 Tilden Street, NW, Suite 5L
Washington, DC. 20008-3009, USA.
Collaboration with: University of Maryland, College Park, MD, USA.
- Summer 1998 Community & Industrial Project Division Medical & Industrial Project Unit - East Park
Saudi-Aramco, Dhahran, Saudi Arabia
- Summer 1997 The British Council, Eastern Province
P. O. Box 8387, Dammam 31482, Saudi Arabia
Collaboration with: The University of Edinburgh, UK
- 1990 Ph.D Governmental Funded Scholar.
University of Dammam, Dammam, Saudi Arabia.
- 1984 MSCE Governmental Funded Scholar.
Ministry of Higher Education, Riyadh, Saudi Arabia.
- 1976 BSCE Governmental Funded Scholar.
Ministry of Higher Education, Riyadh, Saudi Arabia.

Membership of Professional Societies

Project Management Institute – Arabian Gulf Chapter- PMI-AGC- (Formerly).

The Saudi Council of Engineers.
P. O. Box 85041, Riyadh 11691, Saudi Arabia.

The Saudi Computer Society

P. O. Box 51178, Riyadh 11543, Saudi Arabia.

The Institution of Civil Engineers (Formerly)
Great George Street Westminster
London SW1p 3AA, UK.

The American Society of Civil Engineers (ASCE)
Saudi Arabia Section (SAS)
Saudi-Aramco, P. O. Box 5533, Saudi Arabia

American Concrete Institute. (ACI) (Formerly)
Box 19150, Redford Station,
Detroit, Michigan 48219, USA.

Research Interests and Fields of Knowledge

Implementation of STAAD Pro to analyze and design structures.
Structural Engineering Computational Technology. Computing
and Information Technology.
Application of Artificial Intelligence, Neural Networks,
Knowledge Based Systems, Expert Systems related to Machine
Learning,

Involvements in Committee's (Selected)

<i>2013</i>	Member of the Board of Trustees of the Fahad Bin Sultan University, Tabuk, Saudi Arabia.
<i>2003 to Present</i>	Member of the General Committee for the University of Dammam Projects in Dammam.
<i>2006</i>	Member of the Committee for the First Charitable and Affordable Housing in Saudi Arabia.
<i>2005</i>	Member of the Committee for Studying and Constructing the Project for the Male and Female Department for the College of the Applied College and Community Services.
<i>2003 to 2006</i>	Member of the Engineering Committee for the New Prince Mohammed University - Alkhobar.
<i>2003 to 2005</i>	Member of the Engineering Committee for Prince Mohammed Bin Fahd Program for Qualifying and Employing Saudi Youths (PMPQ&E) Building, Dammam.