

CURRICULUM VITAE



Personal Detail

Name : Radhi Muhsin Shwaik AlZubaidi
Sex : Male
Date of Birth : 01.01.1952
Place of Birth : Iraq
Marital Status : Married
Language Known : Arabic & English (B0th fluently spoken and written)
Address : P.O. Box 27272, Sharjah, UAE
Telephone : 0097150 – 5377020
Email : ralzubaidi@sharjah.ac.ae
Current Post : Professor, Director for Center for Continuous Education and professional development, University of Sharjah

Education

1980-1984 : PhD (Geotechnical Engineering)
Civil Eng. Dept. School of Engineering Strathclyde University,
Glasgow, United Kingdom.
1973-1977 : B.Sc (Civil Eng. Dept.)
College of Eng., University of Basra.

Career History

2013 till date : Professor, Director for Center for Continuous Education and Professional Development, University of sharjah
2011- date : Professor ,College of Engineering ,Civil and Environmental Engineering Department
2011-2017 : Associate professor, University of Sharjah, College of Engineering, Civil Engineering Dept.
2015-2016 : Acting Director of Leadership Institute in Higher Educatin
2004 –2011 : Head of Projects, Government of Sharjah, Sharjah International Airport Free Zone, United Arab Emirates
2005-2006 : Part Time Lecturing post, American University of Sharjah College of Engineering, Civil Engineering Department
2003-2004 : Professor of Civil Eng., Civil Eng. Dept., College of Eng, University of Baghdad
2001-2003 : Professor of Civil Eng., Dean of Engineering College Kufa University-Iraq
2000-2001 : Professor of civil Eng. Acting Director for National Center of Electronic computers and Dean of Institute of Higher study for

1998-2000	:	Computer and Informatics, Baghdad Professor of Civil Eng., Director Manager, Eng. Office, Ministry of Higher Education and Scientific Research, Baghdad- Iraq
1993-1998	:	Associate Professor, Dean of the Tech. Institute in Baghdad, Iraq
1987-1993	:	Assistant Professor, Dean of Tech. Institute at Najaf, Iraq
1985- 1987	:	Lecturer ,Civil Engineering Department ,Strayhclyde University
1984-1985	:	Research Assistant, Civil Eng. Dept., Strathclyde University, United Kingdom
1978-1980	:	Dean of Technical Institute at Messan-Iraq
1978-19178	:	Lecturer, Civil Eng. Dept., Technical Institute at Ramadi, Iraq

Teaching Activities

1978-1980	:	Eng. Drawing, Mathematics, Surveying, Technical Institute of Ramadi, Iraq
1984-1985	:	Soil Mechanics, Supervision of Final Year Projects, B.Sc (Honor) in Civil Eng., Civil Eng. Dept., Strathclyde University, UK
1985 -1987	:	Soil Mechanics, Design of Foundation Engineering Supervision of final year projects, university of Strathclyde, UK
1985-1993	:	Foundation Eng., Soil Mechanics, Eng. Management, Structure Design, Statistics and Supervision of final year projects B.Sc in civil Eng .Kufa University
1985-1993	:	Soil dynamic, Statistics and Applied Engineering, Rock Mechanics, Site Investigations MSc Program Building and Construction Dept, University of Technology Baghdad
1985-1993	:	Soil Mechanics, Rock Mechanics, Soil Stabilization, PhD Program, Civil Eng. Dept., Baghdad University
1993-2000	:	Foundation Eng., Geotechnical Eng, BSc in Civil Eng., Baghdad University
1993-2000	:	Soil dynamic, Soil Exploration, Advanced soil Mechanics MSc Program, Civil Eng. Dept, Al- Mustansuria University, Baghdad
1993-2000	:	Site Investigation, PhD Program, Civil Eng. Dept, Baghdad University
1999-2000	:	Building construction, Eng. Drawing, Building and Construction Dept, College of Engineering, Damar University, Yemen
1999- 2000	:	Strength of Material, College Of Education Damar University, Yemen
2000-2003	:	Soil Mechanics, Foundation Eng, Supervision of Final Year Projects, BSc in Civil Eng. Civil Eng. Dept., Kufa University
2000-2003	:	Soil dynamic, Rock Mechanics, Advanced Foundation Eng., MSc Program, Kufa University
2000-2003	:	Soil Structure Interface, PhD Program, Civil Eng. Dept., Baghdad University

- 2003-2004 : Foundation Eng., BSc in Civil Eng., Baghdad University
 2003-2004 : Geotechnical Engineering, Advanced Soil Mechanics, MSc Program, Civil Eng. Dept., Baghdad University
 2004-Date : Structure I, Structure II, Surveying, BSc program, Ajman University, College of Engineering, Department of Architectural
 2005-2006 : Engineering Geology, BSc Program, American University Of Sharjah, College of Engineering, Civil Engineering Department.

Research Activities **Cap stone Projects**

- 1-Effect of water on the behavior of strip footing above a cavity
- 2- Effect of shocks caused by Earthquakes for Baghdad soils
- 3- Soil Stabilization and effect of cement percentage on strength
- 4- Computer program for evaluating sieve analysis test
- 5- Triaxial tests discrepancies in testing Aljaderia soil for different depths
- 6- Compaction test and effect of excess water for AlTalibia soil
- 7- Design of raft foundation for multi storey building
- 8- Design of Spread footing for two floor building
- 9- Design of combined footing three floor building

Postgraduate Supervision

MSc Projects

1. Swelling characteristics of Baghdad Soil with some proposed remedies, 1993
2. Effect of strain rate on strength of Aljadiriya soil-cement, 1994
3. Pressure meter theories in clay testing, 1996
4. Theoretical concepts of stone columns in soft clay, 1996
5. Analysis of un reinforced concrete beams on soil by finite elements ,1997
6. The use of cement dust to reduce swelling , 1999
7. Evaluation of undrained shear strength and the at rest horizontal total pressure from pressuometer test ,2001
8. Effect of strain rate on strength of Alrustamia soil stabilized with cement dust 2000
9. Effect of strain rate on Altalibia soil stabilized with lime
10. Expansive soils and their effect on shear strength 2001
- 11- Effect of delay testing with pressuremeter on consolidation properties 2002
- 12- Theories of Pressuremeter testing 2012

PhD Projects

- 1-Soil structure interaction of soft clay, 2000

- 2- Finite element evaluation of pressure meter results,2002
- 3-Iconographic Architecture of Dubai as Signs and Symbols
(Wolverhampton University UK starting Dec.2009)
- 4- Globalization and Architectural Development Behavior in United Arab Emirates
(Wolverhampton University UK starting Jan 2010)
- 5- Development of a Risk Management Framework in a Building Information Modelling-
Enabled Design Process in the United Arab Emirates Projects (2020 University of Sharjah)

Publications

Conferences and Journals

- 1.D.G, McKinley and Raddi, M. Al-Zubaidi “ Pressuremeter measurement of consolidation rate in glacial Till “, International Symposium on In Situ Testing, Paris, 1983.
2. D.G, McKinley and Raddi, M. Al-Zubaidi “Pressuremeter Testing in Marl Clay. Symposium for young researcher in City University, London 1982
- 3.Raddi, M. Al-Zubaidi, Saed, H. and Abudel Zahra, “A new brick from cement dust “
Technical Journal F.T.I. 1991, Vol. 8, IRAQ.
- 4.Raddi, M. Al-Zubaidi and Merry, S. “Using cement dust as a filler in concrete “Technical Journal, 1990, F.T.I. IRAQ.
- 5.Raddi, M. Al-Zubaidi, Abdul Ameer, A. and Taha, K. “Properties of concrete using aluminium residual “ Journal of Engineering and Technology, University of Technology, IRAQ, 1990.
- 6.Raddi, M. Al-Zubaidi, Yousif, N. and Habib, K. “Effect of compaction energy on cohesion soil properties” Proceeding of the 6th Australia-NZ Conference on Geomechanics Christchurch, Feb.1992
- 7.Raddi, M. Al-Zubaidi and Saed, H. “A complete system used to convert cement dust to ordinary cement “Excellent Practical Research 1995, F.T.I., IRAQ.
- 8.Al-Soadi, N. Al-Zubaidi, Raddi and Al-Samerai, A. “Swelling characteristics of two sites in Baghdad with proposed remedies” Engineering and Technology Journal ,Vol.18 No.3.1999
- 9.Raddi, M. Al-Zubaidi “Clean air from cement dust “First Scientific Symposium on Environment Protection “, 1997, F.T.I. IRAQ.
- 10.Al-Soadi, N, Al-Zubaidi, Raddi and Al-Samerai, A. “Cement dust as a new material for heave control “ Technical Research Journal,2000,vol.13 issue 65.
- 11.Raddi, M. Al-Zubaidi “ A new method for evaluation at “Rest horizontal Pressure”, Technical research Journal,Vol.13 No.67 pp27-36,2000
- 12.Raddi, M. Al-Zubaidi and Yaseen, R. “Transfer of Technology” Journal of Arabic Union of Technical Education, 1997, IRAQ.
- 13.Raddi, M. Al-Zubaidi, and Al-Shemary, J. “Arabic information system and a proposed construction” Journal of Arabic Union of Technical Education, 1997, IRAQ.
- 14.Raddi, M. Al-Zubaidi, “A proposed model to construct an Arabic consultation”, the first Engineering conference, 2001, Syria.
- 15.Raddi, M. Al-Zubaidi, “Effect of strain rate on strength of Al-Jadiriya stabilized soil “3rd Jordanian Civil Engineering conference 2001, Jordan.
- 16.Raddi, M. Al-Zubaidi, “Education and Training Engineering”, The sixth Gulf Engineering symposium 2002. Qatar, Doha.
- 17.Raddi, M. Al-Zubaidi, “A proposed model to develop the Arabic Scientific Research” 2002, University of Aleppo, Syria.

18. Raddi, M. Al-Zubaidi, "Evaluation of shear strength from pressuremeter" AEIC 2003 Cairo, Egypt.
19. Raddi, M. Al-Zubaidi " Gulf Engineering Consultancy ", The Eight Gulf Engineering Symposium, 2004, Dubai
20. Raddi, M, Al-Zubaidi "Discrepancies in the Engineering colleges programs in the Arab Countries and an effort to unify them" International conference for Education, 2006, college of Eng. University of AlQuissam. Saudi Arabia
21. Raddi, M. AlZubaidi, 2010 "Pressuremeter Testing in Glacial Till " 1st International Conference on Information Technology In Geo- Engineering (ICITC) Shanghai –China
22. Raddi, M. AlZubaidi, 2010 " Different Pressuremeter Theories for Determining the Limit Pressure "International Conference on Geotechnical Engineering, Tunis, October, 2010
- 23- Radhi, M. AlZubaidi, S, Barakat and S, Toubat (2013) " Effect of adding brass byproduct on the basic properties of concrete .Construction and Building Material Journal, No.38 P(236-241)
- 24- Radhi, M. AlZubaidi and Abdallah Shanableh (2012) "Civil Engineering Education In The Arab World – Balancing The Curricula 6th International Forum on Engineering Education (IFEE 2012) , University of Kebangsaan Malaysia
- 25- Radhi M AlZubaidi, (2012) " Road Management and Road Maintenance" International Symposium on Sustainable Geosynthetics and Green Technology for Climate Change. Bangkok .Thailand
26. Radhi M AlZubaidi, Kawkab H.S. AlRawi and Ahmed J. AlFalahi (2012) "Effect of Drying and Remoulding on Undisturbed Expansive Soil in Baghdad on Swelling Characteristics" The 4th Central Asian Geotechnical Symposium, Geo-Engineering for Construction and Conservation of Cultural Heritage and Historical Sites - Challenges and Solutions – Samarkand Uzbekistan
- 27- Radhi M AlZubaidi (2013) "Development of Pressuremeter Test" . 5th International Geotechnical Symposium University of Incheon .Korea.
- 28- Radhi M AlZubaidi and Sabah H Lafta (2013) "Effect of Strain Rate on the Strength Characteristics of Soil-Lime Mixture" Geotechnical and Geological Engineering Journal. Vol.31, No.4, pp 1317-1327
- 29- Radhi M AlZubaidi, Kawkab H.S. AlRawi and Ahmed J. AlFalahi (2013). "Using Cement Dust to Reduce Swelling " Geomechanics and Engineering, An international Journal. Vol. 5, No. 6 (2013) 565-574 "
- 30 –Radhi M AlZubaidi (2013) "Cement Dust Air Pollution Remedies ". The 3rd Annual International Conference on Sustainable Energy and Environmental Sciences (SEES 2014) 24th – 25th February 2014 in Singapore.
- 31- Radhi M AlZubaidi (2014) "Different Results in Pressuremeter Theories " Accepted in Geotechnical and Geological Engineering. Volume 32, Number 4
- 32- Raddi M AlZubaidi (2014) " A new method for interpreting pressuremeter data to estimate in situ horizontal stress" .Arabian Journal of Geosciences, Vol.8, issue 7
- 33- Samer Barakat, Radhi M Alzubaidi and Maher Omer (2014) Probabilistic-Based Assessment of the Bearing Capacity of Shallow Foundations, .Arabian Journal of Geosciences, Vol 8, issue, 8
- 34- Radhi M AlZubaidi (2015) Part Time Faculty Effect in Engineering Education. 7th International Conference on Engineering Education. University of Sharjah (IFEE2015)
- 35- Radhi M Alzubaidi (2015) A new approach for interpretation strength sensitivity to Po in pressuremeter testing. Geotechnical and Geological Engineering Journal, Vol 33, issue 4
- 36- Radhi M Alzubaidi (2015) Effect of Changing The Rate Of Rate of Strain of Pressuremeter Testing on Undrained Parameters. 7th International Symposium on Pressuremeter, Tunis (2015)

- 37- Radhi M Alzubaidi (2017) Recycling of Aluminium by- product waste in the lightweight concrete production for low strength applications .Jordán Journal of Civil Engineering, Vol.11,Issu 1.
- 38- Radhi M Alzubaidi (2015) Essential Findings in Pressuremeter Theories, Accepted in Geotechnical and Geological Engineering Journal, Vol.34, No.1, pp155-166
- 39- Radhi M Alzubaidi (2016) Variations in Pressuremeter Modulus (E_M) International Journal of GEOMATE, Vol.10 .Issue .1 (2016).
- 40- Radhi M Alzubaidi (2016) A New Approach to Reduce Pollution, International Conference on Sustainable Energy, Environment and Information Engineering (SEEIE 2016), Thailand, Bangkok.
- 41- Radhi M Alzubaidi, Kawkab AlRawi and Ahmed AlFalahi (2016) ” COMPREHENSIVE APPROACH FOR SWELLING SOILS REMEDIES “ International Journal of GEOMATE, Oct., 2016, Vol. 11, Issue 26, Geotec., Const. Mat. & Env
- 42- Radhi M Alzubaidi (2016)“Variations in Pressuremeter Testing Results “ 3rd International Conference on Civil and Urban Engineering- Amsterdam ,ICCUE, 2016
- 43- Radhi M Alzubaidi (2017) “Distinctive Effects of Horizontal at Rest Pressure on Conventional Limit Pressure Results” Geotechnical and Geological Engineering Journal, Vol.35, No.3 (2017)
- 44- Radhi M Alzubaidi (2017) “A New Method for In-situ Measurement of a Soil’s Horizontal Coefficient of Consolidation “International Journal of Earth Sciences and Engineering (IJEE), Vol. 10, No.06
- 45- Radhi M Alzubaidi (2018) “A New Pressuremeter for Testing Stiff Clay “8th Int. Conf. on Geotechnique, Construction Materials and Environment, Kuala Lumpur, Malaysia, Nov. 20-22, 2018, ISBN: 978-4-909106001 C3051
- 46- Radhi M Alzubaidi (2019) “Effect of Horizontal at Rest Pressure (P_o) on Elastic Modulus From Pressuremeter Testing. Geomechanics and Engineering ,An international Journal ,Volume 7 ,Number 3,PP 247-252
- 47- Deena Badran , Radhi Alzubaidi and Sentilkumar Venkatachalam (2019) "Identification of Key Risks Impacting project Completion Time in UAE s Building Projects- Towards Developing a BIM Solution " Proceeding of the International Conference on Industrial Engineering and Operations Management ,Riyadh, Saudi Arabia
- 48- Radhi Alzubaidi (2019) Effect of Rate of Strain on in situ Horizontal Coefficient of Consolidation from Pressuremeter. Geotechnical and Geological Engineering ,DOI 10.1007/s10706-019-01122
- 49- Deena Badran , Radhi Alzubaidi and Sentilkumar Venkatachalam (2020) BIM based Risk Management for Design Bid Build (DBB) Design Process in the United Arab Emirates –A Conceptual Framework", DOI 10.1007/s13198-020-00993-w, International Journal of System Assurance Engineering and Management.
- 50- Radhi Alzubaidi and Athra Al-Kanim (2020) Computational Program for Evaluating Pressuremeter Test Results of Clay soil. International Journal of GEOMATE, Jan., 2021, Vol.20, Issue 77, pp. 49-54.
- 51- Radhi M Alzubaidi, Namir AlSaoudi and Jawad Thajeel (2021) Parameters Affecting the Concept of Stone Columns in Soft Clays .International Civil and Architecture conference Singapore (CEAC).

Books

1. Raddi, M. Al-Zubaidi, and M.Hababa,” Soil Mechanics “, Ministry of higher education and Scientific Research Press, Iraq 1990
2. Raddi, M. Al-Zubaidi, and D.Sheet,” Site Investigation and Laboratory Testing for Soil “ , Ministry of higher education and Scientific Research Press, Iraq 1990

Visitor Professor

1. University of Technology Malaysia 1994
2. University of Sana’a –Yemen 1996
3. University of Damar – Yemen 1999
4. University Malaysia Perlis(UNIMAP) 2002
5. University of Salford 2006
6. University of Salford 2007

Fields of Research Interest

Pressuremeter Theory
Soil Exploration
Consolidation Theory
Shear Strength Theory
Soil Structure Interface
Engineering Management

Continuous Professional Training

- Dams and Sea Dike Training Course, Ministry of Irrigation, South Korea (two months), 1985
- Curriculum Development Training Course, Ministry of Higher Education, Egypt, 1989
- Design of Engineering Curriculum ,Tunis ,1992 ,Arabic Foundation for Technical education
- Administration Training Course, National Centre for Consultancy, Iraq (two months), 1998
- As a course Lecturer " Project Management " Training course for Senior Engineers in Bahrain .Dec.2005- Projacs International
- As a course Lecturer “Road Maintenance “ Training course for Municipality Engineers in Doha June 2006 – Projacs International
- As a course Lecturer “Project Management During Design stage “ training course for Senior projects management engineers ,design engineers and managers - Projacs International
- As a course Lecturer ” Construction Specification for Design and construction “ training course for senior Engineers and projects Manager in Dubai May 2008 - Projacs International -

Awards

- Award of Iraqi Scientist 2001, Ministry of Higher Education and Scientific Research ,Iraq
- Award for the Best Academic Faculty ,1998, Foundation of Technical Education
- Award for the " Excellent Practical Research " 1995, Foundation of Technical Education
- Award of young Researcher ,City University 1982,UK
- Research Award University of Sharjah 2015

Membership of Professional Bodies

- Member of American Society of Civil Engineers
- Member of Southeast Asian Geotechnical Society
- Paper reviewer of journal of ASCE
- Board Committee Member of scientific Society of Engineers-Iraq
- Consultant of Iraq Union of Engineers
- Member of Society of Engineers- UAE
- Member, Committee of Graduate Studies, Ajman University of Science & Technology .UAE
- Member, Graduate Studies Council , Ajman University of Science & Technology, UAE
- Member of Ajman Municipality Design Committee for New Roads
- Consultant for the Building Research Centre , The Iraqi Scientific Research Council
- Member of Curriculum Committee for ministry of Education –Iraq
- Head of Curriculum Committee for Technical Education In Iraq
- Chairman for postgraduate study and scientific research-Ministry of Higher Education and Scientific Research
- Consultant for the Arabic Union of Technical Education, Lebanon
- Member Editorial Board, Euro-Asian Journal of Applied Science

Consultation

During my academic career, I was engaged with many consultancy works, such as:

1. Head of designing team for the buildings of Medicine, Engineering, Law and Science Colleges, University of Kufa ,Iraq,2000
2. Head and a member committee for evaluation of damaged bridges, building or problem in stadiums , Iraq,1996
3. Head of designing team for the buildings of College of Medicine, Dewaynai University ,Iraq,2001
4. Head of designing team for the building of students residence, administration, and Engineering and Medicine Colleges ,University of Nassarya, Iraq,2002
5. Member of the designing team of the sewerage treatment plant and pipe works for Najaf and Karbala Cities ,Iraq ,2002
6. Consultant of Kufa cement factory for designing a plant to convert cement dust into Cement, Iraq, 1993
7. Head of designing team for Dust sedimentation system in Kufa Cement Factory 1992
8. Head of Consultant Bureau ,College of Engineering, Kufa university,2001
9. Head of Consultant Bureau, Technical Institute ,Baghdad,1993
10. Head of designing team for the buildings of AlKindy Medicine College, Baghdad University 1995
11. Head of Supervision team for construction of 500 warehouses with different

- Sizes ranging from 150 to 600 square meter at sharjah free zone, 2005
12. Head of supervision team for construction of four multy storey building at Sharjah Free Zone 2006
 13. Check and review the design of two sewerage treatment plant in sharjah Free zone, 2007

Highlights of Post Qualification

- 25 years of successful leadership, teaching and research.
- Distinctive experience in designing different type of curriculum
- Vast experience in teaching of different courses
- Experience in postgraduate supervision
- Vast experience in consultation and industry relation
- Responsible for coordinating and developing the academic transfer programs.
- Possesses excellent organizational skills, result-oriented, creative, versatile and adaptable to changed situation.
- Excellent record of student recruitment.
- Good knowledge of accreditation and certification requirements and standards.
- Ability to make administrative and procedural decisions and judgments on sensitive and confident ional issues.
- Good knowledge and understanding of student admissions and transfer policies, processes and regulations as related to a public university.
- Possesses skill in examining and re-engineering operations and procedures, formulating policy and developing and implementing new strategies and procedures.
- Strong inter-personal and communication skills and the ability to work effectively with a wide range of constituencies in a diverse community.

- I worked collectively and effectively with various students and staff (academic and non-academic) .I have the ability to maintain a clear set of task properties while working under pressure and therefore, posses a high level of self management skills.

- Vast knowledge of labs. reports and apparatus with sufficient experience in operating of various machines used in civil engineering practice .

- Vast experience of the new apparatus and technique for civil engineering tests.

- Very good experience in students Evaluation.

- I delivered the course Structural Design for Architects in Ajman University since five years and till date as Part time academic

Computer and Software skills

PC, Microsoft Office, Staad3, Prokon, Staad Pro, power point

Interests

Reading, Swimming, Jogging and Table Tennis