



CURRICULUM VITAE

-Full Name: Saad Issa R. Sarsam
- Place and Date of Birth Mosul- December 1955.
- Scientific Degree B. Sc. Civil Engineering- 1977.
P.G. Diploma – Transportation Engineering –1978
M.Sc. –Transportation Engineering -1980
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-Languages Proficient in Arabic and English
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ASSOCIATION AND MEMBERSHIP

-Iraqi Engineers union- since 1977.
-Indian Roads Congress IRC- Life Member, since 1978.
-Member of the editorial board of the American Journal of Civil and Structural Engineering AJCSE, USA, science 2014.
-Member of the editorial board of the International Journal of scientific research in knowledge IJSRK, Malaysia since 2014.
-Member of the editorial board of the American Journal of Science and Technology AJST, USA, science 2014. [The American Association for Science and Technology (AASCIT)].
-Member of the editorial board of the American Journal of Materials Research, AJMR, USA, science 2014. [The American Association for Science and Technology (AASCIT)].
-Member of the editorial board of the International Journal of advanced Materials Research, IJAMR, USA, 2014. Public science framework, [The American Institute of Science].
-Member of the editorial board of the International Journal of Mathematics and computational science IJMCS, USA, 2014. Public science framework, [The American Institute of Science].
-Member of the editorial board of the American Journal of Geophysics, Geochemistry, and Geo - systems AJGGG, USA, 2014. Public science framework, [The American Institute of Science].
-Member of the editorial board of the International Journal of Transportation Engineering and Traffic System. IJTETS, Journals Pub. A Division of Dhruv Info Systems Private Limited, India. 2015.
-Member of the editorial board of the International Journal of Geological and Geotechnical Engineering. IJGGE, Journals Pub. A Division of Dhruv Info Systems Private Limited, India. 2015.
-Member of the editorial board of the International Journal of Concrete Technology. IJCT, Journals Pub, a Division of Dhruv Info Systems Private Limited, India. 2015.
-Member of the editorial board of the Journal of Civil Engineering & Construction JOCEC, Sift Desk research page, SDRP. 2015.
-Member of the editorial board of the Journal of Materials Science JOMS, Sift Desk research page, SDRP. 2015.
-Member of the editorial board of the Journal of Civil Engineering and Architecture Research, Ethan publishing company. 2015.
-Member of the editorial board of the Applied research Journal ARJ, Iran since 2015.
- Member of the editorial board of the International Journal of science and Engineering IJSE, 2016.
- Associate Member of the editorial board of the International Journal of Engineering papers, scientific research gate publisher, 2016.
- Member of the editorial board of the American Journal of Traffic and Transportation Engineering (AJTTE), science PG., 2016.
- Chairman of the scientific promotion committee, College of Engineering, University of Baghdad since June-2016.
- Head of the department of Civil Engineering, College of Engineering; University of Baghdad since December-2016.

LIST of UNDER GRADUATE COURSES TEACHING ACTIVITIES

- 1- “Transportation Engineering Laboratory” for (4th year- Civil Engineering), 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, at University of Mosul.
- 2- “Transportation Engineering” for (3th year- Civil Engineering), 2002, 2003, 2004 at University of Mosul.
- 3- “Traffic Engineering” for (4th year- Civil Engineering), 2003, 2004 at University of Mosul.
- 4- “Building Material Engineering” for (1st year- Civil Engineering), 1999, 2000, 2001, 2002, 2003, at University of Mosul.
- 5- “Building Construction” for (2nd year- Civil Engineering), 1998, 2000, at University of Mosul.
- 6- “Construction Management” for (4th year- Civil Engineering), 1998, 2001, at University of Mosul.
- 7- “Building Material Engineering” for (1st year- Civil Engineering), 2005, 2006, 2007, 2008, at University of Baghdad.
- 8- “Traffic Engineering” for (3rd year- Civil Engineering), 2007, 2008, 2009, 2010, 2011, 2012, 2013 at University of Baghdad.
- 9- “Transportation Engineering” for (4th year- Surveying Engineering Department), 2011, 2012, 2013, 2014, 2015, 2016 at University of Baghdad.

LIST of POST GRADUATE COURSES TEACHING ACTIVITIES

- 1- “Advanced Railway & Air Transportation Engineering” for (PhD. – Transportation Engineering), 2009.
- 2- “Advanced Pavement evaluation, Maintenance, and Rehabilitation”, for (PhD. - Transportation Engineering), 2009.
- 3- “Pavement maintenance management system PMMS”, for (PhD. -Construction management), 2010, 2012.
- 4- “Advanced techniques in soil stabilization Engineering and design”, for (PhD. - Soil mechanics and Geotechniques Engineering), 2010, 2012, 2013, 2016.
- 5- “Advanced photogrammetry and route location” for (PhD. – Transportation Engineering), 2010.
- 6- “Soil Stabilization Engineering” for (PhD. – Transportation Engineering), 2012.
- 7- “Air Transportation Engineering” for (PhD. – Transportation Engineering), 2012, 2013.
- 8- “Advanced Railway Engineering” for (PhD. – Transportation Engineering), 2012, 2013.
- 9- “Airport and railway Engineering” for (MSc. – Transportation Engineering), 2010.
- 10- “Air Transportation Engineering” for (MSc. - Transportation Engineering), 2011, 2012, 2013.
- 11- “Pavement evaluation, Maintenance, and Rehabilitation”, for (MSc. - Transportation Engineering), 2010, 2011, 2012, 2013, 2016.
- 12- “Advanced techniques in soil stabilization Engineering”, for (MSc. - Soil mechanics and Geotechniques Engineering), 2014, 2015, 2016.

Titles of post and place of assignment	Dates from - to	Remarks
1-Senior Civil Engineer at directory of military work.	1/4/1980 - 1/3/1983	Doing compulsory military service. Supervision on construction and design of road network, air- strip, underground structure for directory of military work.
2-Senior material Engineer at NCCL (National center for construction laboratories; Ministry of Housing and construction) –Mosul- Iraq.	1/3/1983 - 1/6/1988	Doing Consulting work on Material Engineering, project evaluation, quality control and quality assurance.
3-Director of NCCL- Mosul. Iraq. (National center for construction laboratories; Ministry of Housing and construction)	1/6/1988 - 1/9/1993	Managing 65 staff including Engineers, geologists, chemists, and laboratory assistants; Doing Consulting work on Material Engineering, project evaluation, quality control and quality assurance.
4-Assistant lecturer of Transportation Eng. at Department of Civil Eng., College of Eng., University of Mosul.	1/9/1993 - 5/12/1998	Teaching undergraduate student. Doing research work in Transportation Engineering.
5-Lecturer of Transportation Engineering at Dept. of Civil Eng. University of Mosul.	5/12/1998 - 26/5/2002	Teaching undergraduate student. Doing research work. Consultant in Transportation Engineering.
6-Assistant professor of Transportation Engineering at Department of civil Eng. University of Mosul.	26/5/2002 - 22/9/2005	Teaching undergraduate student. Doing research work. Consultant in Transportation Engineering.
7- Assistant professor of Transportation Engineering At Dept. of civil Eng. University of Baghdad.	22/9/2005 - 26/6/2007	Teaching undergraduate and postgraduate student. Doing research work. Consultant in Transportation Engineering.
8- Professor of Transportation Engineering at Dept. of civil Eng. University of Baghdad.	26/6/2007- until now	Teaching undergraduate and postgraduate student. Doing research work. Consultant in Transportation Engineering.

PROFESSIONAL; TECHNICAL ACTIVITIES; AND EXPERIENCE

- 1-Design of road network for Badoosh munitions’ warehouse complex, 1981.
- 2-Design and supervision on construction of Helicopter landing strip at Mack-lob Mountain 1982.
- 3- Working for six months as senior material Engineer of quality assurance during the construction of the Iraqi expressway No. 1 project through 1985-1986.
- 4- Structural design of Roller Compacted Concrete (RCCP) pavement widening for additional slow lane for Mosul- Duhok Highway- 1989.
- 5-Rehabilitation and quality control of runway construction for Mosul airport 1989.
- 6- Evaluation of concrete cracks at the foundation of terminal building of Erbil airport-1989.
- 7- Consultant Engineer for Ministry of Industry and Military manufacturing, Faw General Directory, 1989-1990.
- 8-Evaluation of structural condition of Mosul-Baghdad Highway section 1-1990.
- 9- Evaluation of runway surface condition for Mosul Airport –1990.
- 10- Rehabilitation of runway at Basheka mountain- 1990.
- 11- Quality control consultant for Bamirni Airport construction-1991.
- 12- Evaluation of structural failure condition of AL-Malia road and design for an alternative road 2001.
- 13- Consultant road Engineer for Municipality of Mosul on urban road resurfacing and construction during -2001&2002.
- 14- Design of link road of 100m width passing through a swamp area at Mosul-2002.
- 15- Evaluation of pavement condition and design for maintenance of road network at Hamam Al- Alil cement factory-2002.
- 16- Design & supervision on construction of rural roads for Municipality of Mosul vicinity area-2002-2003.
- 17- Evaluation of pavement condition and design for maintenance of Highway at Shekhan, Mosul -2003.
- 18- Quality control consultant for Sumer Contracting Company on rehabilitation of Mosul International Hotel, Mosul- 2004.
- 19- Consultant Engineer for middle Euphrates international airport, Ministry of Transportation, 2011-2013.

- 20- Consultant Engineer for the state company for implementation of transportation facilities, Ministry of Transportation, 2011-2012.
- 21- Consultant Engineer for National center for construction laboratories and research NCCLR, Baghdad, Ministry of Construction and Housing, 2011-2012.
- 22- Consultant Engineer for Ministry of Transport, 2013-2014.
- 23- Consultant Engineer for National center for construction laboratories and research NCCLR, Baghdad, Ministry of Construction and Housing, 2014, 2015.
- 24- Consultant Engineer for AFM Group-Switzerland, Baghdad international airport rehabilitation project, 2014.
- 25-Research work on highway material technology, modified Asphalt cement, Grid reinforced Asphalt concrete, Recycling of Asphalt concrete, Roller compacted concrete pavement, asphalt stabilization, Road noise and vehicle emission impact, from –1978-Until now.

CONFERANCES PARTICIPATION (with paper presentation)

- 1-International Conference on Temperature Effects on Concrete and Asphaltic Concrete, June 16-17, 1982, Baghdad, Iraq.
- 2-1ST scientific conference-Ministry of housing & construction 1990, Iraq.
- 3- Symposium on the utilization of NDT and the structural appraisal of damaged structures” 17-18 August 1991 Baghdad. Iraq.
- 4- 1st scientific symposium-Jordan Road Society – 1992 Jordan.
- 5- 1ST Jordanian conference on Traffic Engineering and Environment, May 1997, Jordan.
- 6- 2nd Jordan Scientific conference of civil Engineering 1999.Jordan.
- 7- 8th International symposium "Transport and air pollution" including COST319-Final conference, 31May-2June, 1999- Graz, Austria.
- 8- 9th International scientific symposium "Transport and air pollution", 5-8 June 2000, Avignon, France.
- 9- Road safety on three continents conference, 20-22 September 2000 –Pretoria- South Africa.
- 10- 1st European FWD user group meeting, Delft University of Technology, February 2001, the Netherlands.
- 11- 4th Scientific conference-Ministry of housing & construction 2001, Iraq.
- 12- 3rd Jordan Scientific conference of civil Engineering-2001, Jordan.
- 13- 1st International conference on steel and composite structures (ICSCS`01), 14-16 June 2001, Pusan, Korea.
- 14- 2nd Safety on road international conference (SORIC-2002), October 2002, Bahrain.
- 15- 6th International conference on concrete technology for developing countries,(6ICCT) 21-24 October, 2002, Amman – Jordan.
- 16- 7th International Conference on managing Pavement Assets (ICMPA 7), Calgary, Alberta, Canada, 25-27 June-2008.
- 17- AL-Kindy 2nd annual Engineering conference ACE`08, 17-20 November 2008, Baghdad-Iraq.
- 18- 1st scientific conference of Civil Engineering College – AL Baath University, “Industry of Engineering Constructions” 11-13 May 2009, Humus – Syria.
- 19- TRB Conference - Developing a Research Agenda for Transportation Infrastructure Preservation and Renewal Conference, , Keck Center of the National Academies, November 12–13, 2009, Washington, D.C.
- 20- 2nd International Conference on Geotechnical Engineering ICGE 2010, 25th-27th October, Hammamet, Tunis.
- 21- AL-Nahrain 2ND regional scientific Engineering conference, AL-Nahrain Engineering College, 1-2 December, 2010, Baghdad- Iraq.
- 22- ASCE Conference – 1st integrated transportation and development for a better tomorrow, Chicago, Illinois, March 13-16, 2011.
- 23- 1st symposium of sustainable engineering, University of Baghdad, April 2011.
- 24- Scientific conference of Ministry of construction and housing, Baghdad, 20 June 2011.
- 25- 4th International Scientific conference of Salah-Alden University, Erbil, 18-20 October 2011.
- 26- Comprehensive Engineering Conference for research thesis, Al Mustansiria College of Engineering, 7-8 May 2012.
- 27- 8th International Conference on Material Sciences (CSM8-ISM5), UNESCO Palace, Beirut–Lebanon, May 28-30, 2012.
- 28- 5th Euroasphalt & Eurobitume Congress, 13-15 / June 2012, Istanbul.
- 29- International Conference on Management Sciences and Information Technology (MSIT 2012) Changsha, China, July 1-2, 2012.
- 30- The First National Conference for Engineering Sciences, 7-8 November 2012, AL-Nahrain University, Baghdad.
- 31- 6th Jordanian Conference of traffic safety, 18-20 November, 2012. Amman- Jordan.
- 32- 9th International conference and exhibition, concrete for sustainable construction, Kingdom of Bahrain 11-13 February 2013.
- 33- The 2013 T&DI Airfield and Highway Pavement Conference: Sustainable and Efficient Pavements June 9 - 12, 2013 Los Angeles, California USA
- 34- 2nd Engineering scientific conference, College of Engineering, Mosul University. 19-21 November 2013, Mosul, Iraq.
- 35- 1ST Cihan international scientific conference, 1stCISC, 20-21 April 2014, Erbil, Iraq.
- 36- 7th Jordanian Conference of traffic safety, 12-13 May, 2015. Amman- Jordan.
- 37- Third International Scientific Conference, ME3-CM01, University of Babylon-Hilla-Babylon- IRAQ, May 20-21, 2015.
- 38-2nd International Conference on Buildings, Construction and Environmental Engineering- BCEE2 17-18 October 2015 Beirut, Lebanon.
- 39- 2nd ICIEM 2016, International Conference on Integrated Environmental Management for Sustainable Development. October 27-30, 2016 Sousse – Tunisia.

SUPERVISION ON POST GRADUATE THESISES

- 1-Supervisor on M Sc. Thesis entitled “Development of pavement maintenance management system for Baghdad urban roadway network” at Civil Engineering Department, University of Baghdad (2008 -2009).
- 2-Supervisor on M Sc. Thesis entitled “Modeling Household trip generation for selected municipality zones at Baghdad urban area” at Civil Engineering Department, University of Baghdad (2009 -2010).
- 3-Supervisor on M Sc. Thesis entitled “Development of a computer program for Airport runway location, orientation and length design in Iraq” at Civil Engineering Department, University of Baghdad (2009 -2010).

- 4-Supervisor on M Sc. Thesis entitled "Laboratory study of roller compaction technique in concrete construction" at Civil Engineering Department, University of Baghdad (2009 -2010).
- 5-Supervisor on M Sc. Thesis entitled "Effect of additives on the properties of roller compacted concrete" at Civil Engineering Department, University of Baghdad (2009 -2010).
- 6-Supervisor on M Sc. Thesis entitled "Implementation of Gypseous soil- asphalt stabilization technique in base course construction" at Civil Engineering Department, University of Baghdad (2009 -2010).
- 7-Supervisor on M Sc. Thesis entitled "Assessing asphalt and concrete surface texture properties in the field" at Civil Engineering Department, University of Baghdad (2010 -2011).
- 8-Supervisor on M Sc. Thesis entitled "Durability performance of roller compacted concrete" at Civil Engineering Department, University of Baghdad (2010 -2011).
- 9-Supervisor on M Sc. Thesis entitled "Assessing stripping behavior of asphalt cement using the surface energy concept" at Civil Engineering Department, University of Baghdad (2010 -2011).
- 10-Supervisor on M Sc. Thesis entitled "Assessing pullout behavior of earth reinforcement embedded in asphalt stabilized Gypseous soil" at Civil Engineering Department, University of Baghdad (2010 -2011).
- 11-Supervisor on M Sc. Thesis entitled "GIS based travel potential along the proposed alignment of Baghdad metro tube" at Civil Engineering Department, University of Baghdad (2011 -2012).
- 12-Supervisor on M Sc. Thesis entitled "Assessing Performance of Recycled Asphalt Concrete Sustainable pavement" at Civil Engineering Department, University of Baghdad (2011 -2012).
- 13-Supervisor on M Sc. Thesis entitled "Assessment of Modified- Asphalt Cement properties" at Civil Engineering Department, University of Baghdad (2011 -2012).
- 14-Supervisor on M Sc. Thesis entitled "Assessing close range photogrammetric approach to evaluate pavement surface condition" at Civil Engineering Department, University of Baghdad (2011 -2012).
- 15-Supervisor on M Sc. Thesis entitled "Behavior of Earth Reinforced Asphalt Stabilized Gypseous Soil Embankment Model under Cyclic Loading" at Civil Engineering Department, University of Baghdad (2011 -2012).
- 16-Supervisor on M Sc. Thesis entitled "Effect of water absorption on asphalt stabilized Gypseous soil" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 17-Supervisor on M Sc. Thesis entitled "Using the decision support system DSS in Pavement maintenance Management" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 18-Supervisor on M Sc. Thesis entitled "Durability of recycled asphalt concrete pavement" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 19-Supervisor on M Sc. Thesis entitled "Durability of super-pave asphalt concrete pavement" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 20-Supervisor on M Sc. Thesis entitled "Modeling the aging behavior of various local asphalt cement" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 21-Supervisor on M Sc. Thesis entitled "Comparative performance of asphalt concrete under hammer, gyratory, and roller compaction" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 22-Supervisor on M Sc. Thesis entitled "Modeling pedestrian speeds in Baghdad and Erbil cities" at Civil Engineering Department, University of Baghdad (2012 -2013).
- 23-Supervisor on M Sc. Thesis entitled "Fatigue and rutting potentials of recycled sustainable asphalt concrete pavement" at Civil Engineering Department, University of Baghdad (2013 -2014).
- 24-Supervisor on M Sc. Thesis entitled "Assessing cracking potential of super-pave asphalt concrete pavement" at Civil Engineering Department, University of Baghdad (2013 -2014).
- 25-Supervisor on M Sc. Thesis entitled "Comparative evaluation of fatigue behavior for modified asphalt concrete pavement" at Civil Engineering Department, University of Baghdad (2013 -2014).
- 26- Supervisor on M Sc. Thesis entitled "Effect of Nano materials on the durability of asphalt stabilized soil" at Civil Engineering Department, University of Baghdad (2014 -2015).
- 27- Supervisor on M Sc. Thesis entitled "Verification of the structural capacity of asphalt stabilized embankment model" at Civil Engineering Department, University of Baghdad (2014 -2015).
- 28- Supervisor on M Sc. Thesis entitled "Assessment of crack healing in asphalt concrete pavement" at Transportation Engineering Department, University of AL Mustansiria, (2015 -2016).
- 29- Supervisor on M Sc. Thesis entitled "Assessing the Impact of asphalt additives on the crack healing ability of sustainable asphalt concrete" at Transportation Engineering Department, University of AL Mustansiria, (2016 -2017).
- 30- Supervisor on M Sc. Thesis entitled "Assessment of deformation and shear properties under repeated loading of asphalt stabilized soil" at Civil Engineering Department, University of Baghdad (2016 -2017).
- 31- Supervisor on M Sc. Thesis entitled "Verification of layered theory for stabilized and reinforced subgrade model" at Civil Engineering Department, University of Baghdad (2016 -2017).

PARTICIPATION IN POST GRADUATE THESIS EXAMINATION COMMITTEE

- 1- Co Examiner of MSc. Thesis entitled "The use of coarse and fine aggregate not satisfying Iraqi specification for grading in concrete" at Civil Engineering Department, University of Baghdad, 3-1- 2006.
- 2- Co Examiner of MSc. Thesis entitled "Super-pave mineral aggregate properties as related to moisture sensitivity of paving mixtures" at Civil Engineering Department, University of Baghdad, 4-9- 2006.

- 3- Co Examiner of MSc. Thesis entitled "Development of a computer program for storage and analysis of traffic accident data" at Civil Engineering Department, University of Baghdad, 23-11-2006.
- 4- Co Examiner of MSc. Thesis entitled "Study of traffic movements at AL-Shawaf and AL-Tahirer intersections" at Civil Engineering Department, University of Baghdad, 27-9-2007.
- 5- Co Examiner of M Sc. Thesis entitled "Insulating light weight aggregate concrete for roofing" at Civil Engineering Department, University of Baghdad, 4-3-2009.
- 6- Co Examiner of M Sc. Thesis entitled "Physical properties of concrete containing Met kaolin" at Civil Engineering Department, University of Baghdad, 16-4-2009.
- 7- Co Examiner of M Sc. Thesis entitled "The transition to a PG grading system for asphalt cement in Iraq" at Civil Engineering Department, University of Baghdad, 15-6-2009.
- 8- Chairman of Examination committee of M Sc. Thesis entitled "Improving of loose sand using geogrid to resist eccentric loads" at Civil Engineering Department, University of Baghdad, 15-7-2009.
- 9- Co Examiner of M Sc. Thesis entitled "Effect of additives on the properties of self-compacting concrete" at Civil Engineering Department, University of Baghdad, 2-12-2010.
- 10- Chairman of Examination committee of M Sc. Thesis entitled "Improvement of traffic movement for roads network at Al-kadhimiya center" at Civil Engineering Department, University of Baghdad, 12-6-2011.
- 11- Chairman of Examination committee of M Sc. Thesis entitled "Improving traffic flow in arterials at holly Karbala city" at road and transportation Engineering Department, University of Al-Mustansiria, 16-6-2011.
- 12- Chairman of Examination committee of M Sc. Thesis entitled "Study of parking characteristics at Al-Mustansiria University main campus" at road and transportation Engineering Department, University of Al-Mustansiria, 24-11-2011.
- 13- Chairman of Examination committee of M Sc. Thesis entitled "Short and long term aging behavior of hot paving asphalt mixtures" at civil Engineering department, university of Mosul, 11-4-2013.
- 14- Chairman of Examination committee of M Sc. Thesis entitled "Effect of lime on performance properties of asphalt concrete mixture" at Civil Engineering Department, University of Baghdad, 3-9-2013.
- 15- Co Examiner of M Sc. Thesis entitled "Properties of self-compacting concrete with recycled concrete as aggregate" at Civil Engineering Department, University of Baghdad, 7-11-2013.
- 16- Chairman of Examination committee of M Sc. Thesis entitled "The suitability of using high modulus asphalt concrete in local paving works" at Civil Engineering Department, University of Baghdad, 16-6-2014.
- 17- Chairman of Examination committee of M Sc. Thesis entitled "Permanent deformation model for asphalt concrete wearing course" at Civil Engineering Department, University of Baghdad, 11-8-2014.
- 18- Chairman of Examination committee of M Sc. Thesis entitled "Classification of full-wave form aerial laser scanning data into terrain and off terrain points for digital terrain model (DTM) extraction" at Surveying Engineering Department, University of Baghdad, 16-10-2014.
- 19- Co Examiner of M Sc. Thesis entitled "Automatic data driven registration adjustment of multisource remote sensing data sets" at Surveying Engineering Department, University of Baghdad, 23-10-2014.
- 20- Chairman of Examination committee of M Sc. Thesis entitled "Rutting prediction of asphalt concrete mixture for hot climate area" at Civil Engineering Department, University of Baghdad, 27-01-2015.
- 21- Chairman of Examination committee of M Sc. Thesis entitled "Performance of recycled asphalt mixture" at building and construction Department, University of Technology, 19-03-2015.
- 22- Chairman of Examination committee of M Sc. Thesis entitled "Assessing the durability of asphalt stabilized Gypseous soil embankment" at Civil Engineering Department, University of Baghdad, 26-03-2015.
- 23- Chairman of Examination committee of M Sc. Thesis entitled "Stabilization of Nasiriya soil by using combination of additives and emulsified asphalt" at Civil Engineering Department, University of Baghdad, 02-04-2015.
- 24- Chairman of Examination committee of M Sc. Thesis entitled "Development of a computer aided system for the structural design of flexible pavement" at Civil Engineering Department, University of Baghdad, 08-06-2015.
- 25- Chairman of Examination committee of M Sc. Thesis entitled "Suitability study of local aggregates for asphalt mixes at Ninevah province" at building and construction Department, University of Technology, 12-05-2016.
- 26- Chairman of Examination committee of M Sc. Thesis entitled "Development of sustainability rating system for rural roadway projects in Iraq" at Civil Engineering Department, University of Baghdad, 23-06-2016.

SCIENTIFIC REVIEWER OF POST GRADUATE THESES

- 1- Scientific reviewer of MSc theses "GIS based project information system for construction management of housing sector in Iraq" University of Baghdad, college of Engineering, 2011.
- 2- Scientific reviewer of MSc theses "Evaluation of flexural and thermal properties of self-compacting concrete used in rigid highway pavement" Ministry of higher education and scientific research, 2013.
- 3- Scientific reviewer of MSc theses "Improvement of the mechanical characteristics of reclaimed asphalt pavement in Iraq" University of al-Mustansiria, 2013.
- 4- Scientific reviewer of MSc theses "Modeling of traffic queues and delay at CBD in Sulaimaniah city" University of al-Mustansiria, 2013.
- 5- Scientific reviewer of MSc theses "Cracking propagation modeling for local rigid pavement" University of al-Mustansiria, 2014.
- 6- Scientific reviewer of MSc theses "Evaluation of reinforced sub base layer over expansive subgrade soil" University of Technology, 2015.
- 7- Scientific reviewer of MSc theses "Effect of combined uses of cementitious materials on behavior of high performance concrete" University of Technology, 2015.

8- Scientific reviewer of MSc theses “Performance evaluation of concrete block paving units manufactured from recycled concrete aggregates” University of Al-Mustansiria, 2016.

9- Scientific reviewer of PhD Dissertation “Behavior of high performance sustainable lightweight insulated concrete products” University of Technology, 2016.

COSULTATION WORK

*Scientific reviewer for “Journal of Engineering”, a scientific Journal of Engineering College- Baghdad University (2005 until now).

*Scientific reviewer for “Engineering and Development”, a scientific Journal of Engineering College- AL-Mustansiria University (2005 until now).

*Scientific reviewer for 7th International Conference on managing Pavement Assets (ICMPA 7), Calgary, Alberta, Canada, June-2008.

*Scientific reviewer for 6th scientific Engineering Conference, Baghdad University, April-2009.

*Scientific reviewer for “AL-Khwarizmi Journal of Engineering”, a scientific Journal of AL-Khwarizmi Engineering College- Baghdad University (2009 until now).

*Scientific reviewer for 2nd Regional Scientific Engineering Conference, AL-Nahrain University, December-2010.

*Scientific reviewer for “Engineering and technology journal”, University of Technology, (2010 until now).

*Scientific reviewer for the scientific conference of Ministry of Construction and Housing, Baghdad, 20 June 2011.

*Scientific reviewer for “AL-Rafidain Engineering journal”, University of Mosul, (2012 until now).

*Scientific reviewer for International Symposium on Advances in Ground Technology and Geo-Information (IS-AGTG), 1-2 December 2011, Singapore.

*Scientific reviewer for Kufa Engineering Journal of University of Kufa.

*Scientific reviewer for scientific promotion committee of University of Al-Anbar.

*Scientific reviewer for scientific promotion committee of University of Nahrain.

*Scientific reviewer for scientific promotion committee of University of Mosul.

*Scientific reviewer for scientific promotion committee of Ministry of higher education and scientific research.

*Scientific reviewer and member of scientific promotion committee of University of Baghdad. 2014, 2015, 2016.

*Scientific reviewer for scientific promotion committee of University of Kufa, Faculty of Engineering.

*Scientific reviewer for scientific promotion committee of University of AL-Mustansiria.

*Scientific reviewer for scientific promotion committee of University of Mesan.

*Scientific reviewer for scientific promotion committee of foundation of technical education, Baghdad.

*Scientific reviewer for scientific promotion committee of University of Duhok.

*Scientific reviewer for the international conference to achieve sustainable development in Iraq, the research and development directorate, Ministry of higher education and scientific research, Baghdad, Iraq, May 8-9, 2013.

*Scientific reviewer for IJSRK (International journal of scientific research in knowledge), Malaysia (2014 until now).

*Scientific reviewer for AJCSE (American journal of civil and structural Engineering), USA. (2014 until now).

*Scientific reviewer for JEGH (Journal of Engineering Geology and hydrogeology), USA. (2014 until now).

*Scientific reviewer for (World Journal of Civil Engineering and Construction Technology), Premier Publishers, (2014 until now).

*Scientific reviewer for (Academic journal.org), Nigeria, (2014 until now).

*Scientific reviewer for American Journal of Science and Technology AJST, USA, (2014 until now).

*Scientific reviewer for American Journal of Materials Research, AJMR, USA, (2014 until now).

*Scientific reviewer for AASCIT Materials, USA, (2014 until now).

*Scientific reviewer for World Journal of Engineering and Physical Sciences (WJEPS), (2015 until now).

*Scientific reviewer for International Journal of advanced Materials Research, IJAMR, USA, (2014 until now).

*Scientific reviewer for International Journal of Mathematics and computational science IJMCS, USA, (2014 until now).

*Scientific reviewer for American Journal of Geophysics, Geochemistry, and Geosystems AJGGG, USA, (2014 until now).

*Scientific reviewer for Journal of Nano Science and Nano Engineering JNNE, USA, (2015 until now).

*Scientific reviewer for Journal of Civil Engineering and Architecture Research, Ethan publishing company. 2016.

*Scientific reviewer for Journal Universiti Teknologi Malaysia, 2016.

*Scientific reviewer for Science Publishing Group, (Science PG) USA, 2016.

AWARDS AND CERTIFICATES OF APPRECIATION

1- Appreciation letter denoted by Director General, National center for construction laboratories, (5177) on 10/5/1988.

2- Appreciation letter denoted by Director General, National center for construction laboratories, (6664) on 19/6/1988.

3- Appreciation letter donated by Director of Military Core 40497, (10175) on 26/10/1988.

4- Appreciation letter denoted by Director General, National center for construction laboratories, (2301) on 9/3/1989.

5- Appreciation letter donated by Director General, National center for construction laboratories, (3222) on 4/4/1989.

6- Appreciation letter denoted by Director General, National center for construction laboratories, (7855) on 20/8/1989.

7- Appreciation letter denoted by Director General, National center for construction laboratories, (445) on 13/9/1989.

8- Appreciation letter denoted by Minister of Housing and construction, (4797) on 15/3/1990.

9- Appreciation letter denoted by Director General, Ministry of housing and construction, (165) on 24/3/1990.

10- Appreciation letter donated by Director General, National center for construction laboratories, (7020) on 7/8/1990.

11- Appreciation letter denoted by Director General, National center for construction laboratories, (7042) on 9/8/1990.

12- Appreciation letter donated by Director General, National center for construction laboratories, (9007) on 16/10/1990.

13- Appreciation letter denoted by Director General, National center for construction laboratories, (9336) on 30/10/1990.

- 14- - Appreciation letter donated by Director General, National center for construction laboratories, (5331) on 5/10/1991.
- 15- Appreciation letter denoted by Director General, National center for construction laboratories, (5954) on 22/10/1991.
- 16- Appreciation letter donated by Mayor of Ninawa, (5744) on 18/4/1992.
- 17- Appreciation letter donated by Director General, National center for construction laboratories, (7596) on 30/8/1992.
- 18- Appreciation letter denoted by Director General, National center for construction laboratories, (1863) on 4/3/1993.
- 19- Appreciation certificate denoted by the chancellor, university of Al Nahrain, on 2010.
- 20- Appreciation letter donated by the chancellor, university of Baghdad, (15905) on 9/5/2011.
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