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| Curriculum Vitae**+Curriculum Vitae****Name : Akram Othman Esmail****Residence:  Erbil , Kurdstan region /Iraq****Telephone (residence),  (H):0662260381****Mob.00964750 4672975****E-mail:****akram.esmail@su.edu.krd****E-mail: arez96y@yahoo.com**Job Title: ProfessorSUMMARY OF QUALIFICATIONS**-B.Sc. Soil Science, College of Agriculture/Univ. of Sulaimani/1980.****-Grasd M.Sc., Soil Science/Univ. of  Salahaddin/1986.****The title of M.Sc. Thesis: Limiting the suitability of some groundwater in Erbil plain for different purposes.****-Ph.D:Soil Solution Chemistry /Univ. of Baghdad/1993.****The title of Ph.D Dissertation: Effect of ion pairs and activity in irrigation water on soil and plant.**PROFESSIONAL EXPERIENCE**1983-1989 Ministry of Agriculture/ Khalis project / Diala  Governorate.****Description of Main Duties & Responsibilities:****I am performing the below duets:**        **Contribution in Saline Soil Reclamation.**        **Doing Field Experiments and Researches.****1989-1992 Ph.D. Student/ Univ. of Baghdad.****1993-1994 Lecturer/Univ. of Salahaddin/College of Science /Dept. of Biology.****Description of Main Duties and Responsibilities:****I am performing the below duets:**        **Teaching undergraduate students.**        **Doing Researches.*****1994-1997/ Univ. of Salahaddin / Erbil / Head of Biology Department.*****Description of Main Duties & Responsibilities:****I am performing the below duets:**        **Teaching B.Sc. and M.Sc. Students.**        **Supervising (3) M.Sc students.**        **Doing Researches.**        **Contributing in some Scientific committees.****1998-2001 Univ. of  Salahaddin / Erbil / College of Agriculture /Lecturer.****Description of Main Duties and Responsibilities:****I am performing the below duets:**        **Teaching B.Sc. and M.Sc. and Ph.D. Students.**        **Doing Researches.**        **Supervising (5) M.Sc students.****Contributing in some Scientific committees.*****2001-Up to 2010 / College of Agriculture*****Description of Main Duties & Responsibilities:****I am performing the below duets:****-Supervising [4] PhD Students.****-Supervising [7] M.Sc. Students.****-Supervising [2] Diploma Students.****-Teaching BSc. and M.Sc. and Ph.D. Students.****-Member of [86] examining committees of M.Sc. and Ph.D. Students.****-Doing Researches.****-Contributing in some scientific committees****-A member of editorial staff  of  Zanco Journal .****-Member of Promotion committee/ College of Agriculture/ Univ. of Salahaddin.*****1993-Up to November,*2011 :****-Supervising [6] PhD Students.****-Supervising [15] M.Sc. Students and (2) Diploma students.****-Teaching BSc. and M.Sc. and Ph.D. Students.****Member of [94] examine committees of M.Sc. and Ph.D. Students.****Academic year 2011-2012:****-Member of Promotion committee/ College of Agriculture/ Univ. of Salahaddin.****-Member of scientific committee of Soil and Water department.****-Member of scientific committee of Forestry and Horticulture department.****-Member of agricultural provesting office committee.****-Supervising  (2)M.Sc. students.****-Member (contributing) in (10) examine committees.****-From 1993 to Academic year 2012-2013:****-Member of Promotion committee/ College of Agriculture/ Univ. of Salahaddin.****-Member of scientific committee of Soil and Water department.****-Member of scientific committee of Forestry and Horticulture department.****-Member of Agricultural Beru provesting office committee.****-Supervising  (1)M.Sc. students.****-Member (contributing) in (12) examines committees****-Supervising [7] PhD Students.****-Supervising [20] M.Sc. Students and (2) Diploma students.****-Teaching B.Sc. and M.Sc. and Ph.D. Students.****Member of [136] examine committees of M.Sc. and Ph.D. Students****-Member of numerous committees.*****-Member of American soil science society.*****-Doing Researches.****Contributing in some scientific committees****-A member of editorial staff of Zanco Journal.****-Member of Promotion committee/ College of Agriculture/ Univ. of Salahaddin.****-From 1993 to Academic year 2013-2014:****-Member of Promotion committee/ College of Agriculture/ Univ. of Salahaddin.****-Member of scientific committee of Soil and Water department.****-Member of scientific committee of Forestry and Horticulture department.****-Member of Agricultural Beru  provesting office committee.****-Supervising  (1)M.Sc. students.****-Member (contributing) in (13) examines committees****-Supervising [7] PhD Students.****-Supervising [20] M.Sc. Students and (2) Diploma students.****-Teaching B.Sc. and M.Sc. and Ph.D. Students.****Member of [149] examine committees of M.Sc. and Ph.D. Students****-Member of numerous committees.*****-Member of American soil science society.*****-Doing Researches.****Contributing in some scientific committees.****- From 1993 to Academic year 2016-2017:****-Member of scientific committee of Soil and Water department.****-Member of scientific committee of Forestry and Horticulture department.****-Member of Agricultural Beru provesting office committee.****-Supervising [9] PhD Students.****-Supervising [20] M.Sc. Students and (2) Diploma students.****-Teaching B.Sc. and M.Sc. and Ph.D. Students.****Member of [200] examine committees of M.Sc. and Ph.D. Students****-Member of numerous committees.*****-Member of American soil science society.*****-Doing Researches.****Contributing in some scientific committees****From 1993 to Academic year 2015-2016:****-Member of scientific committee of Soil and Water department.****-Member of scientific committee of Forestry and Horticulture department.****-Member of Agricultural Beru provesting office committee.****-Member (contributing) in (7) examines committees****-Supervising [7] PhD Students.****-Supervising [23] M.Sc. Students and (2) Diploma students.****-Teaching B.Sc. and Ph.D. Students.****Member of [167] examine committees of M.Sc. and Ph.D. Students****-Member of numerous committees.*****-Member of American soil science society.*****-Doing Researches.****Contributing in some scientific committees**PERSONAL DATA**Date of Birth: 1958.****Sex:  Male.****Nationality: Iraqi / Kurdish.****Marital Status: Married.**EDUCATIONScientific Degree:  Year / Research Subject  / University        **B.SC : University of Sulaimani /1980/Soil Science.**        **M.SC: University of Salahaddin /1986/Soil Science /Soil Chemistry.**        **PhD: University of Baghdad  /1993/ Soil Solution Chemistry.**        Published Research and Authoress, Training , Conferences and Workshops  **Published Researches:                                                                                                                                                          1-Abdulamir ,M.R.A. , Akram, O.E ., and Bahar  J. M.(1987)Effect of irrigation water quality on ions behaviorism in soil profile. Iraqi J. of Agric. Sci. 18, 2:155-172.****2- Abdulamir, M.R.A. , Akram O.E (1993) Effect of ion pairing and activity on some ground water quality in Erbil plain. 2nd scientific Conference of University of Salahaddin/Erbil 24-25, April, 1993.****3-Abood M.A. and Akram O.E.(1995)The role of ion pairing and activity in classification of some ground water in Erbil Plain. Iraqi J. of Agric. Sci. 26, 2:41-50.****4-Esmail, A.O. and Wali M.H.(1999) Effect of ion pairing on statistical relationships scientifical concepts in ground water and its suitability. Zanco J., Special Volume Univ. of Salahaddin.29-33.****5-Esmail A. O., Kawa Kh. M. and Mohamad F. Y.(1999) Effect of Mg/Ca ratio of irrigation water on yield and quality of chickpea. J.of Zanco Univ. of Salahaddin 11, 2:1-8.****6-Esmail, A.O., Kawa, Kh., and Mohamad F.Y. (1999) Effect of phosphorus fertilization and sodium pyrophosphate on the availability of phosphorus and yield of broadbean (*Vicia faba*).Special Issue proceeding of scientific conference of University of Salahaddin/Erbil 3-4 June 1997.****7-Esmail, A. O. and Delshad A.D.(2000)Effect of nitrogen source and complementary irrigation on ammonia volatilization, yield and protein content in different textured soil. J. of Zanco 2, 1:5-16.****8-Dohuki, M.S.S. and Akram O.E.(2000) Classification of some ground water in Dohuk for irrigation and drinking.J of Dohuk Univ. 3,2:25-33.****9-Esmail ,A.O.(2000) Role of ion pairing in relation between ionic strength and electrical conductivity of some ground water in Erbil plain .J. of Dohuk Univ.4,2:73-77.****10- Esmail, A.O. and Delshad A.D.(2007)Role of supplemental irrigation and fertilizer treatments on nutrient balance in wheat by using modified DRIS.J. of Dohuk Univ.10,1:30-38.****11-Esmail, A.O., Pakhshan, M.M. and Yahya .S.(2007)Evaluate Kasnazan impoundment water for irrigation. J. of Educ. and Sci. The 1st Conference of Biology /Univ. of Mosul Sept. 2007. Page 44-55.****12-Darwesh, D.A., and Akram, O.E. (2008) Role of supplemental irrigation and fertilizer treatments on yield component of wheat. Mesopotamia J. of Agic.36,1:30-39.****13-Ismail, T.A. and Akram, O.E. (2009) Limiting phosphorus critical level for wheat (*Triticum durum* L.,Variety Acsad 65 ) in Erbil plain soils. J. of Zanco Univ. of  Salahaddin 12,2:23-30.****14-Esmail A.O., Othman O.A. and Nashat M.A.(2011)Effect of forest exposure on nutrient balance in oak (*Queues aegilops L*.). Journal. of Kirkuk University Vol.6, No.1:170-175.****15-MamRasol G.A. and Akram O.E. (2009) Origin of some ground water resources in Sulaimani governorate using Shuller classification. Mesopotamia J. of Agric. Univ. of Mosul .Vol. 3 No. 2, 2010.****16- Darwesh, D. A., and Akram O.E.(2010) Wheat nutritional diagnosis with DRIS affected by supplemental irrigation and fertilization. Journal of Duhok University Vol.13, No.1 (Special Issue).****17-MamRasool G.A., Akram O.E., and Ra'ad J.M.(2011) The role of magnesium in increasing of phosphorus fertilizer efficiency and wheat yield. Mesopotamia J. of Agriculture, Vol. (39), No. (2):33-39.****18-Mohamad A. A., Gafor. A. M and Akram O.E. (2011) Response of local rice cultivar to zinc and boron application. Baghdad Science Journal, Vol.8, No.2:289-294.****19- Darwesh, D. A., and Akram O.E. (2011).Effect of nitrogen and phosphorus fertilizer on yield and nutrient content of Wheat at different growing stage under rain fed and supplementary irrigation. The 1stConference of Biology /College of Science, Univ. of Kirkuk April, 20-21, 2011. (Special Issue).****20-Esmail, A.O. and Ali, B. A.(2012)Limiting some groundwater's for drinking purpose in Sulaimani governorate. Published in the 8th Al-Azhar International Scientific Conference, 26-28 March,2012.****21Esmail,A.O..(2012) Effect of soil phosphorus equilibrium on P-availability for wheat using solubility diagram and DRIS-chart methods. Journal of University of Kirkuk for Agriculture Sciences Vol. (3), No.2 ,2012.****22-Maulood ,P.M. ,Akram O.E., Mohammed, S.S.  Dohuki and Dalshad A.D. (2012)Comparison between calcemetric and titrimetric methods for calcium carbonate determination. Open Journal of Soil Science,Vol.2,No. 3 ,2012.****23-Esmail, A.O. and Kawa, Kh. B.(2012)Effect of levels of phosphorus, Methods of application and their combination on growth yield and quality of broad bean in calcareous soil. Published in Zanco Journal .Vol. 24, No. (3).****24-Esmail, A.O. and Hemn ,O.S.(2012) The role of ion pairs and activity in classification some groundwater's for irrigation purpose in Erbil plain.****Accepted for publication in Zanco Journal .Vol. 24, No.(4).****25-Akrawi ,H.S.Y and Esmail A.O. (2014)Determination of Potassium Desorption index of some Soil orders in Kurdistan region. Accepted for publication in Mesopotamia Journal .Vol. 42, No. (1).Pp****(314-327).****26-Esmail, A. O. and Ali B. A.(2010)The role of ion pairs and activity in classification and suitability of some groundwater's for irrigation. The international Journal of the Environment and Water.Vol.1, Issue 1, 2012. The Euro-Arab Organization for Environment, Water and Desert Researches.****27-Ismaeel T. A. and  Esmail, A O. (2014)Effect of different levels of phosphorus fertilizer on heavy metals concentration in different parts  of wheat plant. Mesopotamia Journal .Vol. 42, No. (1) P p(328-334)..****28-Esmail,A.O.(2012)Comparison between solubility diagram and Diagnosis Recommendation Integrated System (DRIS-chart) method in studying phosphorus availability. The 1st Scientific Agricultural Conference 10-12thApril-2012. Special Issue Vol. 15,No. 1, June ,2012.****29-Esmail,A.O. and Khadija, M.A.(2013).Effect of Iron chelate consumed and non-consumed tea on corn plant. Accepted for publication in Journal of University of Kirkuk, Vol .4 ,No.(2).Pp(14-26).****30-Esmail,A.O. and Aveen,S.K.(2012)Effect of water quality on chemical properties of two different soil textures and corn growth in Erbil governorate. Journal of Kirkuk University for Agriculture Sciences .Vol.(3)No.(2).Pp(26-44)****31-Abdulkarim ,L.A. and Esmail ,A. O.(2013). Role of Mycorrhyza in availability of Phosphorus ,chlorophyll, carbohydrate and dry matter content of soybean. The 2ndinternational conference for Agricultural Scientific Researches (30-31 October ,2013) page 303-301(in Arabic).****32-Abdulkhaliq , D. A., Hama Rashid A. H. A. and Esmail A. O. (2013) Response of some soybean varieties (*Glycine  max* L.) Merrill, to planting dates and phosphorus fertilization in Sulaimani Region. Published in Kurd. Akad. J. Part A special issue, 1st international conference of Agricultural Sciences, held at Univ. of Sulaimani on 20-21 ,Nov. ,2013.****33-Fatah,K.M., Ali, O. O. and Esmail A. O.(2013)The role of wind breaking in growth and yield of broad bean , pea and availability of phosphorus in calcareous soil. The 2nd international conference for Agricultural Scientific Researches (30-31 October, 2013) page 11-22.****34-Dohuki, M.S.S., Al-obaidi, M. A. J. and Esmail, A.O.(2013)Effect of irrigation water quality on growth and yield of corn in calcareous soil, Kurdistan Region ,Iraq. Accepted for publication in Journal of Kirkuk University for Agriculture Sciences.Vol.(3)No.(2).****35-Ismaeel T. A. and Esmail, A O. (2013) Relationship between Soil Physico-chemical Properties and the Spectral Reflectance's of Some Soil Sites from Arbil Governorate. Accepted for publication in the 7th edition of the international congress Geo Tunis Hammamet 8-12 April-2013.****36-Esmail A. O. and Salih H .O. (2014) The role of ion pairs and ion activity in classificationof ground waters for irrigation in Erbil plain.Published in JZS Part A special  issue ,Vol.16 Pp (177-186)1st international conference of Agricultural Sciences, held at Univ. of Sulaimani on 20-21 ,Nov. ,2013.****37-Esmail ,A. O., Yasin , H. S. and Mahmood, B. J, (2014).Effect of levels of phosphorus and iron on Growth ,yield and quality of flax. IOSR Journal of Agricultral and Veternary Science .Vol. 7, Issue 5 ,Ver, 2  pp 7-11.****38-Omer,S.J.,Sulaiman, S. M., Karim L.G. and Esmail, A.O.(2014)Effect of different nitrogen levels on growth, yield and quality of two broccoli cultivars (*Brassica oleraceae* var.italica).Kurkuk University Journal for Agricultural Sciences .Vol.(5),NO.(2):Pp(36-44. (In Arabic).****39-Esmail,A.O. and Rajab, K. S.(2015) Limiting irrigation water quality indices of some groundwater in Erbil plain. Published in Journal of Garmyan university ,Vol.(1): 244-263. 2nd Scientific Conference  held at University of Garmyan on 6 and 7 ,May ,2015.****40-Esmail ,A.O.,Al-Atroshy, S. M .M. and Mustafa ,S.A.(2015) Effect of concentration and number of spraying with Mg on growth yield and quality of grape(*Vitis vinifera* L.)cv.Tre-Rash. Accepted in Kirkuk University Journal for Agricultural Sciences .Vol.(8),NO.(1),2017.****41-Ahmad, A. B. and Esmail A.O.(2015) Some heavy Metal pollution investigation in Sulaimani province groundwater. Journal of Zankoi Sulaimani (Part ,A(17-4) Pp :37-50  Published online 20,Des.,2015.****42-Kareem ,A.S., and Esmail ,A.O.(2016) Impact of ion pairs and activity on classification of ground waters for irrigation purpose in Arbil plain .Published in Journal of Duhok  University Vol. 19 No.1 June 2016, Special issue  for  2nd Scientific Agricultural Conference held at College of Agriculture ,University of Duhok on 26 and 27 April,2016.****43- Rajab ,K. S. and Esmail ,A.O.(2016) Effect of irrigation water quality index of groundwater in Erbil plain  Effect of irrigation water quality index of groundwater in Erbil plain on soil chemical properties growth yield and nutrient content of wheat. Published in Journal of Duhok  University Vol. 19 No.1 June 2016, Special issue  for  2nd Scientific Agricultural Conference held at College of Agriculture ,University of Duhok on 26 and 27 April,2016.****44- Esmail, A. O., Akrawi, H.S.Y., and Al-Obaidy, M.A.J.(2016) Effect of Water Quality on K-release of soms calcareous soil at Erbil Kurdistan region-lraq.Published in Journal of Duhok University Vol. 19 No.1 June 2016, Special issue for 2nd Scientific Agricultural Conference held at College of Agriculture, University of Duhok on 26 and 27 April,2016.****45-Ali, S.N., Ali .O.O. and Esmail A.O. (2016) Comparison between some soil chemical properties in Zawita and Hijran forest. Published in Journal of Duhok University Vol. 19 No.1 June 2016, Special issue for 2nd Scientific Agricultural Conference held at College of Agriculture ,University of Duhok on 26 and 27 April,2016.****46-Esmail, A .O., Akrawi, H.S.Y. and Mahmood ,B.J. (2017)Effect of levels of phosphorus and iron on growth ,yield and quality of flax (*Linum ustatissumum* L.)Accepted for publication in Journal of University of Kirkuk for Agriculture Sciences Vol.10. No.4 (2019).****47-Esmail,A.O. and Khdr S.A.(2017) Determining main physicochemical properties of Betwain (Rania)plain soils. Accepted for publication in 4thinternational conference on applied Sciences, Energy and Environment (ICASEE) University of Ishik.****48-Esmail ,A. O. and Khdr S. A.(2017) Limiting potassium critical level for Betwain plain soils and wheat plant. Accepted for publication in 4thinternational conference on applied Sciences, Energy and Environment (ICASEE) University of Ishik****Authoress:****1-Esmail A.O., Abdulrahim O.M. and Qasim A.O.(2003) Design and Analysis of Experimentes.1st part FAO.****2-Esmail, A. O. (1999) Common Fertilizers and their Problems in the Dry lands.   FAO.****Training:****1-Univ.  of Salahaddin / English Language / 2004.****2-Univ. of Salahaddin/ Computer/ Excel/2001.****3- /ICARDA/Syria/Experimental Design and Analysis, 2005.****4- Jordan/Water quality and management, 2006.****Conferences:****1-Ministry of Agriculture and Irrigation, Dyila /Agricultural   Conference, 1987.****2-Univ. of Salahaddin, 2nd scientific conference, 1993.****3-Univ. of Salahaddin, 3nd scientific conference ,1996.****4-Ministry of Education, Education and learning conference, 2001.****5-Univ. of Mosul, the 1st conference of biology, 2007.****6-Univ. of Dohuk/Kurdistan 3rd conference of biology/4-6th of May, 2010.****7-University of Kirkuk, College of Science, the 1st conference of biology, April, 20-21, 2011.****8-Al-Azhar University, Faculty of Science,Cairo,Egypt,8th International Scientific Conference,26-28 March,2012.****9-University of Dohuk, Faculty of Agriculture and Forestry,1st Scientific Agricultural Conference,10-12,April,2012.****10-The Euro-Arab Conference for Environment, Water and Desert Researches. Antalia,14-18 ,October,2012.****11- The 7th edition of the international congress Geo Tunis           Hammamet 8-12 April-2013.****12-1st international conference of Agricultural Sciences, held at Univ. of Sulaimani on 20-21 ,Nov. ,2013.****13-University of Dohuk, Faculty of Agriculture and Forestry, 2nd Scientific Agricultural Conference,26-27,April,2014.****14- University of Koya(2017) Management in Iraq .1st conference held at University of Koya on 2- 4th of May ,2017.****15-University of Ishik (2017) 4th international conference on applied Sciences, Energy and Environment (ICASEE)  held on 20 and 21st   of May ,2017.****Workshops:****1-Erbil /FAO Office/ Fertilizers and their components/April /1999.****2- Erbil /FAO Office/ Soil Management /February /2002.****3- Erbil /FAO Office/ Soil Fertility/Sept. /2002.****4-Erbil /FAO Office / Studying Agro-Ecological Zoning of three northern governorates of Iraq/October 2001-Augest 2002****5-Ministry of Agriculture and Irrigation/ Erbil /Preparing Compost from plant residues/March/2008.****6-Ministry of Agriculture and Irrigation/ Erbil /Role of organic fertilizer in improving agriculture and protection of environment from pollution, 13-17 of November, 2011.****MEMBERSHIP OF PROFESSIONAL ASSOCIATION:****1-American Soil Science Society.****2-Kurdistan Association Agricultural Engineering.****3- Kurdistan teachers union.****4-Zanco Cultural Center.****COMPUTER SKILLS:**        **Microsoft office /Word and Excel.**        **Microsoft office/ Power point .**        **Internet.**LANGUAGES Language              Writing                  Speaking          Comprehension**English:                 Good                                Good                             Good****Arabic:                     Very good                   Very good                     Very good****Kurdish                Very good                     Very good                     Very good** |

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