



FACULTY OF AGRICULTURE

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Curriculum Vitae

Name:	Abdel -Rahman Mohamed Amin Ali Merwad			
Telephone:	+2 055 2554492	Mobile:	+2 01212144240 +2 01019203521	
E- mail:	ammerwad@zu.edu.eg abdo.soil@yahoo.com			
Web page:	www. ammerwad.name.eg			
Nationality:	Egyptian	Passport number	A01167570	
Date of birth:	October 13, 1984.			
Employment	<ul style="list-style-type: none"> • Lecturer of soil Science ,Faculty of Agriculture from 28/1/2014 till now • Assistant lecture in Faculty of Agriculture , Department of Soil Science ,Zagazig University, Egypt. from 24/ 10/2009 to 27/1/2014 ▪ Demonstrator in Faculty of Agriculture , Department of Soil Science ,Zagazig University, Egypt.from 4/10/2005 to 23/10/2009 			 جامعة الزقازيق ZAGAZIG UNIVERSITY FOUNDED IN 1974
Education	<p>PhD. in Agriculture –Zagazig university –Zagazig, Egypt 2014 entitled" EFFICIENCY OF PHOSPHATE FERTILIZERS AS INFLUENCED BY SOIL AMENDMENTS APPLICATION IN SOILS"</p> <p>M.Sc. in Agriculture –Zagazig university –Zagazig, Egypt 2009 entitled "Effect of some soil amendments on the behaviour of Some nutrients in different soils" with final grade (Excellent)</p> <p>B.Sc. Agriculture Science of Soil Science, Faculty of Agriculture, Zagazig University June, 2005.</p>			
General Calcification:	Excellent with the honor degree(88.78%)			



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Teaching Experience	<p><i>Assist undergraduate teaching courses such as:</i></p> <ol style="list-style-type: none"> 1. Physics and meteorology 2. General geology 3. Soil mineralogy (Minerals and Rocks) 4. Geology and groundwater 5. The relationship among soil, water and plant 6. Fundamentals soils. 7. Soil chemistry 8. Soil fertility 9. Plant nutrition. 10. chemistry and fertilizers manufacturing 11. Fertilization, fertilizers and fertility. 12. Soil plant relationship
Name and address of employer:	Department of Soil Science, Faculty of Agriculture Zagazig University, Egypt.
Type of business or sector:	Academic (Teaching and research).
Principal subjects / occupational skills covered	<ul style="list-style-type: none"> • Agriculture in general for 2 years (Physics and Meteorology, Plant Physiology, Fundamentals of Soil, Fundamentals of Crops, Fundamentals of Horticulture, Botany, Entomology, Agronomy, Horticulture, economics, Microbiology, Plant Production, Statistics, genetics, biochemistry, organic chemistry.....etc). • Soil Science for the other 2 years (Soil chemistry, Soil physics, Soil mineralogy, Soil fertility, Geology and groundwater, Soil reclamation, Plant nutrition, The relationship among soil, water and plant, Soil survey and classification, Meteorology and remote sensing, Applied maths and fertilizers manufacturing chemistry ...etc). • Pre-Master courses (2005 -2008) <i>Chemistry of soil organic matter, Soil chemical analysis, Plant nutrition (Advanced), Soil Plant Relationship, Geohydrology, Soils of Egypt, Reactions of Fertilizers in Soils, Soil Testing, Fertilizer Minerals, Technology of Inorganic Fertilizers, Soil Geophysics.</i> • Ph.D courses (2009 -2012). (<i>Organic Fertilizers, Advanced soil fertility, soil management, fertilizers' treatments, advanced soil microbiology, chemistry and fertilizers manufacturing</i>)
Laboratory Skills:	<p><i>Trained on the most newly advanced techniques in the field of soil, water, fertilizers and plant analysis using :</i></p> <ul style="list-style-type: none"> • <i>Flame photometer.</i> • <i>Spectrophotometer.</i>



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		<ul style="list-style-type: none"> • <i>Microkjeldahl</i> • <i>Atomic Absorption Spectroscopy.</i> 					
Language Skills	Mother tongue:	Arabic					
	Other languages	English	Self-assessment:				
		<i>Institutional TOEFL (Score: 500)</i>			Writing	Excellent	
					Speaking	Very good	
Listening	Very good						
Computer skills and competences:		<p>1. Intensive course of computer for 3 months involved:</p> <ul style="list-style-type: none"> • Managing Files (Windows). • Word Processing (Word). • Spread Sheets (Excel). • Data Base (Access). • Presentations (Power Point). • Information Communication (Internet). • Microsoft Digital Literacy Training <p>2. Data Analysis Programs: SPSS and M. state.</p> <p>3. GIS (Geographic Information System)</p>					
Training courses:		<ol style="list-style-type: none"> 1. Course of computer for 3 months (Administration of training demonstrators). 2. Course in " <u>Effective Communication Skills</u> " (Faculty and leadership development project {FLDP} - Zagazig University). 3. Course in "<u>Effective Presentation Skills</u>" (Faculty and leadership development project {FLDP} - Zagazig University). 4. Course in "<u>Quality Standards in Teaching</u>" (Faculty and leadership development project {FLDP} - Zagazig University). 5. Course in "<u>Scientific Research Ethics</u>" (Faculty and leadership development project {FLDP} – Zagazig University). 6. Course in " <u>Scientific Research Methods</u> " (Faculty and leadership development project {FLDP} – Zagazig University). 7. Course in "<u>Using Technology in Education</u>" (Faculty and leadership development project {FLDP} – Zagazig University). 8. Course in "<u>International Publishing of Research</u>" (Faculty and leadership development project {FLDCP} – Zagazig University). 9. Course in "<u>University Staff Members Code of Ethics</u>" (Faculty and leadership development project {FLDP} – Zagazig University) 10. Course in "<u>Conference Organization</u>" (Faculty and leadership 					



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- development project {FLDP} – Zagazig University
11. Course in " **Effective Teaching** " (Faculty and leadership development project {FLDP} – Zagazig University)
12. Course in " **Thinking Skills** " (Faculty and leadership development project {FLDP} – Zagazig University)
13. Course in " **Strategic Planning**" (Faculty and leadership development project {FLDP} – Zagazig University)
١٤. دورة التقويم الذاتى لمؤسسات التعليم العالى ٢٠-٢٢ ديسمبر ٢٠١٤ (وحدة التدريب -كلية الزراعة- جامعة الزقازيق التابعه لوحدة الهيئة القومية لضمان جودة التعليم والاعتماد)
١٥. دورة توصيف البرامج والمقررات وتقويم نواتج التعلم لمؤسسات التعليم العالى ١٧-١٩ فبراير وحدة التدريب -كلية الزراعة- جامعة الزقازيق التابعه للهيئة القومية لضمان الجودة (٢٠١٥)
١٦. دورة التخطيط الاستراتيجى لمؤسسات التعليم العالى ٤-٥/٤/٢٠١٥
١٧. دورة المراجعة الخارجية لمؤسسات التعليم العالى ٢٨-٣٠-٢٠١٥ -الهيئة القومية لضمان التعليم والاعتماد
١٨. ورشة عمل عن التحليل البيئى للكلية ١٠/٦/٢٠١٥ بكلية الزراعة جامعة الزقازيق

Conferences and workshops

- Workshop about " **Geographic Information System** "- faculty of Agriculture- Zagazig University(2009), by Dr/Salah Tahon .
- 10th International Conference of *Egyptian Soil Science Society (ESSS)*, 4th International Conference On –Farm Irrigation and Agroclimatology 5-8 November 2012, Ameria ,Alexandria, Egypt.
- 11th International Conference of *Egyptian Soil Science Society (ESSS)* about *Climste Changes and Sustainable Development of Natural Resources*, 5-7 May 2014, Kafr El-Sheikh ,Egypt.
- 1st International Conference about the prospects of Agriculture Economics Development in Arab Region & Africa .22-24 April 2013. Suez Canal Uni. Ismailia , Egypt .
- ندوة علمية عن " **تعظيم الاستفادة من شجرة المورينجا فى مصر** " ٢٧/٢/٢٠١٣ المركز القومى للبحوث بالقاهرة – الجمعية العلمية المصرية للمورينجا
- Third Scientific Conferenc of Young Rrsearchers, faculty of Agriculture- Zagazig University, 29/4/2013.
(شباب الباحثين شركاء التنمية الزراعية)



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- The First International Conference "**Food and Agriculture : New Approaches**" December 2-4 , 2013. National Research Centre Cairo, Egypt.
- The First Conference about International Day of Soils ,15-16 December/2014, Faculty of Agriculture , Department of Soil Science ,Zagazig University, Egypt.
- مؤتمر اليوم العالمي للأراضي ١٥-١٦ ديسمبر ٢٠١٤ كلية الزراعة- جامعه الزقازيق
- International Conference "Agriculture and Environment for Sustainable Development" National Research Centre Agricultural and Biological Research Centre,Cairo, Egypt. May, 25-27, 2015.
- **Work shop about Assessment Soils and Water in sinai and Suis Canal corridor in" Expansion in cultivating nut trees in sinai and Suis Canal corridor"** National Research Centre,Cairo, Egypt. 14/6/ ,2015.
- 12th International Conference of *Egyptian Soil Science Society (ESSS) about تنمية الموارد الارضية والمائية فى محور قناة السويس(التحديات والحلول)* 7-9 March 2016, Suez Canal Uni. Ismailia , Egypt
- 1st International Conference on Advances in Soil Sciences (ICASS), 2-5 May, 2016, Alexandria, Egypt.
- مؤتمر أمن الاراضى الزراعية المصرية ١٠-١١ ابريل ٢٠١٦
- محاضر فى دورة تدريبية عن تدوير المخلفات الزراعية – فى مهرجان البيئة الثالث عشر لجامعة الزقازيق ابريل ٢٠١٦
- محاضر فى دورة تدريبية عن خدمة المحاصيل الشتوية بمنشية ابو عمر-محافظة الشرقية طبقا لبرنامج القوافل الارشادية للجامعة ٨/١٠/٢٠١٦
- محاضر فى القافلة الارشادية بعنوان خدمة الاراضى الملحية بقرية بحر البقر ١٢/٤/٢٠١٦
- محاضر فى دورة تدريبية عن الرى السطحى المطور وترشيد استهلاك الماء واستصلاح الاراضى بمديرية الزراعة- ههيا الشرقية – مهرجان البيئة الرابع عشر لجامعة الزقازيق ١٥/١٢/٢٠١٦

Membership:

- *Zagzig Journal of Agricultural Research.Egypt.*
- *Egyptian Soil Science Society (ESSS).* الجمعية المصرية للاراضى
- *Egyptian Moringa Society .* الجمعية المصرية للمورينجا
- *Organic Farming Society,National Research Center ,Dokki ,Egypt.* جمعية الزراعة النظيفة)
- **Editorial Board Member of *Journal of Agricultural Science* (ISSN 1916-9752, E-ISSN 1916-9760). Canada2015-2018**
- **Reviewer in *Journal of Agricultural Studies*,2015-2017**
- **Reviewer in journal of *Archives of Agronomy and Soil Science*(2016-2017)**



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	<ul style="list-style-type: none">• Reviewer in International Journal of Plant & Soil Science (2015/2016)• Reviewer in African Journal of Agricultural Research (2015/2016)• المشاركة في مهرجان البيئة الثالث عشر لجامعة الزقازيق مارس-ابريل ٢٠١٦• Assistant Editor in lawrencepress, A2/54 B, Lawrence Road, Delhi-35, India, http://lawrencepress.com/member-listing/• المشاركة في مهرجان البيئة الرابع عشر لجامعة الزقازيق ٢٠١٧• عضوا للجنة الاستشارية الزراعية بكايروفستيفال سيتي ضمن بروتوكول التعاون بين كلية الزراعة جامعة الزقازيق- مصر وكايروفستيفال• مشرف تنفيذي في مركز تنمية قدرات اعضاء هيئة التدريس بجامعة الزقازيق
Projects	<ul style="list-style-type: none">• Expansion in cultivating nut trees in sinai and Suis Canal corridor عضو في مشروع التوسع في زراعة اشجار النقل في سيناء ومحور قناة السويس (المركز القومي للبحوث – الشعبة الزراعية- الدقى- القاهرة) <p>Integrated Environmental Studies to the Problem of Increasing Salinity in the Soil and Groundwater in El-Sharkia Governorate, Egypt.(2014-2016)</p> <ul style="list-style-type: none">• دراسات بيئية متكاملة لمشكلة زيادة الملوحة في التربة والمياه الجوفية بمحافظة الشرقية (كلية العلوم – جامعة الزقازيق)
Fields of interest:	<ul style="list-style-type: none">• Soil Fertility• Plant Nutrition• Water management• Soil management• Organic Fertilizer
Publications:	<p>Merwad, A. M. A.; Awad, E. A. M ; Mohamed, I. R. and Dahdouh, S. M. M. (2009). MOBILITY AND LEACHING OF NITROGEN FORMS THROUGH SANDY AND CALCAREOUS SOILS AS AFFECTED BY THE APPLICATION OF SOME SOIL AMENDMENTS. ZAGAZIG J. AGRIC. RES., VOL. 36 NO. (3).</p> <p>Merwad, A. M. A.; Awad, E. A. M ; Mohamed, I. R. and Dahdouh, S. M. M. (2013). EFFECT OF SOME PHOSPHATIC FERTILIZERS AND SOIL AMENDMENTS ON THE AVAILABILITY OF PHOSPHORUS IN SOIL. Zagazig J. Agric. Res., Vol.40 No. (3).</p> <p>Awad, E.A.M.; I.R.Mohamed ; S.M.M.Dahdouh and A.M.A. Merwad(2013). EFFECT OF SOME ORGANIC AND INORGANIC SOIL AMENDMENTS ON THE AVAILABILITY OF N, P AND K IN SANDY AND CALCAREOUS SOILS. 1st International Conference about the prospects of Agriculture Economics Development in Arab Region & Africa .22-24 April 2013.Suez Canal Uni. Ismailia , Egypt .</p>



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Ibrahim R. Mohamed , E. A.M. Awad, S.M.M. Dahdouh and **A.M.A. Merwad**(2014). EFFECT OF SOME SOIL AMENDMENTS ON CERTAIN NUTRIENTS UPTAKE BY PLANTS GROWN ON DIFFERENT SOILS. 11th International Conference of Egyptian Soil Science Society (ESSS) about Climate Changes and Sustainable Development of Natural Resources, 5-7 May 2014, Kafr El-Sheikh ,Egypt.

Salah.M.M. Dahdouh, E.A.M. Awad, I.R. Mohamed and **A.M.A. Merwad**(2014). YIELD EFFICIENCY, YIELD COMPONENTS AND NUTRIENTS UPTAKE OF FABA BEAN AS AFFECTED BY PHOSPHATE FERTILIZATION AND SOIL AMENDMENTS. 11th International Conference of Egyptian Soil Science Society (ESSS) about Climate Changes and Sustainable Development of Natural Resources, 5-7 May 2014, Kafr El-Sheikh ,Egypt.

El-Sayed A.M. Awad, I.R. Mohamed , S.M.M. Dahdouh and **A. M.A. Merwad** (2014). A study on the efficiency of some phosphatic fertilizers on barley plants in sandy and calcareous soils under the effect of some soil amendments. 11th International Conference of Egyptian Soil Science Society (ESSS) about Climate Changes and Sustainable Development of Natural Resources, 5-7 May 2014, Kafr El-Sheikh ,Egypt.

Merwad, A.M.A. (2015). Effect of *Moringa Oleifera* Extracts on the Growth, Yield and Nutrient Uptake of Spinach (*Spinacia Oleracea* L.). Greener J. Soil Science and Plant Nutrition. 2 (1): 16-22.

Merwad, A.M. A. and M. K. Abdel-Fattah (2015). Effect of some soil amendments and foliar spray of salicylic and ascorbic acids on sorghum under saline calcareous soil conditions. Internal. J. Soil Sci.,10 (1): 28-36.

Abdel-Fattah,M.K and **A. M.A. Merwad**(2015). Effect of Different Sources of Nitrogen Fertilizers Combined with Vermiculite on Productivity of Wheat and Availability of Nitrogen in Sandy Soil in Egypt. Am. J. Plant Nutr. Fert. Technol, 5(2):50-60. ISSN 1793-9445 / DOI: 10.3923/ajpnft.2015.

Merwad, A.M.A. (2015). Improvement productivity and nutrient uptake of pea plants using Moringa leaf extract in sandy soil. International Conference "Agriculture and Environment for Sustainable Development" National Research Centre Agricultural and Biological Research Centre,Cairo, Egypt. May, 25-27, 2015. Accepted: March 26th, 2015.

Merwad, A.M.A. (2015). Efficiency of K- sulphate and K-feldspar combined with silicate dissolving bacteria on yield and nutrient uptake by maize plants.(In Press) Egypt. J. Soil sci.

Merwad, A.M.A. (2016). Efficiency of potassium fertilization and salicylic acid on yield and nutrient accumulation of sugar beet grown on saline soil. **Communications in Soil Science and Plant Analysis**. 47(9): 1184-1192. DOI:10.1080/00103624.2016.1166242



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	Sayed M. Desoky and A.M. Merwad (2015): Improving the Salinity Tolerance in Wheat Plants Using Salicylic and Ascorbic Acids. Journal of Agricultural Science; Vol. 7, No. 10, ISSN 1916-9752 E-ISSN 1916-9760, Published by Canadian Center of Science and Education.
	Ibrahim ,M. A. , A.M. Merwad , E. A Elnaka.(2015) Impacts of Silicate Application on Growth and Yield of Wheat (<i>Triticum aestivum</i> L.) Under Salt Stress Conditions. <i>International Annual Meeting, "Synergy in Science: Partnering for Solutions,"</i> Nov. 15-18, 2015, in Minneapolis, MN
	Merwad, A.M. A. and M. K. Abdel-Fattah (2015). Improving productivity and nutrient uptake of wheat plants using <i>Moringa Oleifera</i> leaf extract in sandy soil. Journal of Plant Nutrition [ISSN: 0190-4167] Accept (16-Sep-2015) .
	Abdel-Fattah, M.K. and A.M.A. Merwad (2015). Approach for reclamation and improving fertility of saline-sodic soil. Accepted in Egypt. J. Soil Sci. ,(30 Dec.,2015).
	Merwad, A.M. A. (2016). Impacts of Moringa Leaf Extract on Productivity and Yield Quality of Garlic Plants in Sandy Soil . International Conference of Egyptian Soil Science Society,7-9 March 2016, Suez Canal Uni. Ismailia , Egypt .
	Merwad, A.M. A. (2016): Potentials of <i>Moringa Oleifaera</i> for Agricultural Use . 1 st International Conference on Advances in Soil Sciences (ICASS), 2-5 May, 2016, Alexandria, Egypt.
	Merwad, A.M. A. (2016): Agricultural Uses of Moringa Leaf Extracts in Crop Management. Conference on Security of the Egyptian Soils .10-11/ April 2016. Faculty of Agriculture,Zagazig University,Egypt.
	Ibrahim, M. A., A. M. Merwad , E. A. Elnaka, C. L. Burras and L. Follett (2016): Application of silicon ameliorated salinity stress and improved wheat yield. J. Soil Sci. Environ. Manage.7(7):81-91.
	Merwad, M. A.; Eisa R.A. and A.M. A. Merwad(2016) : Effect of GA ₃ and Some Nutrients on Pomegranate under South Sinai Governorate Conditions. International Journal of ChemTech Research. Vol.9, No.08 pp 104-113.
	Merwad, M. A.; Eisa R.A. and A.M. A. Merwad(2016) : Effect of some Potassium Fertilizer Sources on Growth, Yield and Fruit Quality of Grand Nain Banana Plants. International Journal of ChemTech Research. Vol.9, No.04 pp 51-61
	Books: Potentials of <i>Moringa Oleifaera</i> for Agricultural Use(2015) press in Lambert Academic Publishing, Germany



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المشاركة في تأليف وإعداد كتيب عن "إنشاء بستان النقل" ضمن أنشطة مشروع التوسع في زراعة أشجار النقل في سيناء ومحور قناة السويس، (٢٠١٥): ٣١ صفحة.
المشاركة في تأليف وإعداد كتيب عن "إنشاء مشاتل النقل" ضمن أنشطة مشروع التوسع في زراعة أشجار النقل في سيناء ومحور قناة السويس، (٢٠١٥): ٣٣ صفحة .

اعمال الجودة

- عضو فريق الجودة بقسم الاراضى والمياة بالكلية
- المشاركة في توصيف البرامج و المقررات الدراسية بالكلية
- نائب معيار القيادة والحوكمة بالكلية
- نائب وحدة التدريب التابعة لوحددة الجودة بالكلية ٢٠١٥-٢٠١٦
- عضو لجنة فحص وتلقى الشكاوى والتظلمات بالكلية
- عضو مشارك في وضع الخطة الاستراتيجية بالكلية
- مشارك باعمال الريادة الطلابية بالكلية
- عضو بالكنتروليات الكلية واعمال الامتحانات
- المشاركة في الدراسة الذاتية للكلية
- مشرف تنفيذى بمركز قدرات اعضاء هيئة التدريس بجامعة الزقازيق
- عضو لجنة تنمية البيئة وخدمة المجتمع بكلية الزراعة جامعة الزقازيق ٢٠١٦-٢٠١٧
- عضو وحدة القياس والتويم بالكلية ٢٠١٦/٢٠١٧