

CURRICULUM VITA

Dr. Abdelraouf Ramadan Eid Abdelghany



WORK ADDRESS:

Water Relations and Field Irrigation Department,
Agricultural and Biological Research Division, National Research Center – Dokki – Giza-
Egypt
Tel.(202)33371362- 33371449- 33371615 Ext.,1061
Fax. (202)33370931

HOME ADDRESS:

10 Marsa Matroh Street, Behind Said Darwish Hall – Elomranya Elghrbya - Giza – Egypt
Tel. (202) 35469129 Mob. 01146166904
E- mail abdelrouf2000@yahoo.com

PERSONAL DATA:

Date of birth 29/11/1974
Place of birth Kafer El-sheikh Governorate, Egypt
Religion Moslem
Sex Male
Nationality Egyptian
Marital Status Married
Military Service: Exempted

EDUCATION:

2009 Ph.D in Soil and Water Engineering, Agricultural Engineering Department, Faculty of Agriculture, Cairo University, Egypt.

2003 M.Sc. in Agricultural Sciences, Agricultural Engineering Department, Faculty of Agriculture, Cairo University, Egypt.

1997 B.Sc. in Agricultural Sciences with very good with honour grade (80.58%), Agricultural Mechanization Department, Faculty of Agriculture, Tanta University, Egypt

2013 Diploma in “Remote Sensing and GIS”, Ain Shams University, Egypt.

PRESENT POSITION:

Researcher at Water Relations and Field Irrigation Department, Agricultural and Biological Research Division, National Research Center – Dokki – Giza- Egypt.

PRACTICING EXPERIENCE:

- Water Management and Irrigation Systems Techniques.
- Determination of Crop Water Requirements.
- Applying of Simulation Models in Water Management.
- Sustainable Techniques to Increase Water Use Efficiency.
- Application of Remote Sensing and GIS in Agricultural Field.
- Maximizing Utilization from Un-traditional Water Resources.
- Sustainable Fertigation Technology.

TEACHING EXPERIENCE:

1. Engineering of pressurized irrigation systems.
2. Engineering of surface irrigation systems.
3. Farm drainage.
4. Engineering design of ground water constructions.
5. Design and operation of irrigation and drainage systems.
6. Pumping and pumps.
7. Surface and ground water hydrology.
8. Soil water plant relations.
9. Plane survey.
10. Hydraulics.
11. Engineering drawing.

GRANTS:

1999 a scholarship from Academy of Scientific Research and Technology, Egypt for M.Sc.

2005 a scholarship from Ford Foundation, International Fellowships Program (IFP), **U.S.A. for Ph.D**

LIST OF PUBLICATIONS

1. Suliman, A. El-R. E.; G. El-D. Nassr; M. A. Baiomy and **Abdelraouf, R. E.** (2004). DEVELOPMENT OF CUTTING KNIVES IN CROP RESIDUES SHREDDER. Modern Technology in Agric. Eng. Researches and Application, the 12th Conference of Miser Society of Agr. Eng., 4 -5 October 2004: 381 – 396
2. Suliman, A. El-R. E.; G. El-D. Nassr; M. A. Baiomy and **Abdelraouf, R. E.** (2008).STUDY OF SOME ENGINEERING FACTORS CONCERNING THE PERFORMANCE OF THE AFFECTING TOOL IN CROP RESIDUES SHREDDER. the 16th Conference of Miser Society of Agr. Eng., 7 -8 October 2008: 85 –101.
3. G.A.A. Bakeer ; F.G. El-Ebabi ; M.T. El-Saidi and **Abdelraouf, R. E.** (2009). EFFECT OF PULSE DRIP IRRIGATION ON YIELD AND WATER USE EFFICIENCY OF POTATO CROP UNDER ORGANIC AGRICULTURE IN SANDY SOILS. Misr J. Ag. Eng., 26(2): 736- 765.

4. M.T. El-Saidi; O. M. Kassab; S. A. Okasha and **Abdelraouf, R. E.** (2010). EFFECT OF DRIP IRRIGATION SYSTEMS, WATER REGIMES AND IRRIGATION FREQUENCY ON GROWTH AND QUALITY OF POTATO UNDER ORGANIC AGRICULTURE IN SANDY SOILS. Australian Journal of Basic and Applied Sciences, 4(9): 4131-4141.
5. **Abdelraouf, R.E.**, Mehana, H.M.; Sabreen, Kh. P. and Bakry, A.B. (2011). EFFECT OF DEFICIT IRRIGATION AND LASER LAND LEVELING ON YIELD AND IRRIGATION WATER USE EFFICIENCY OF WHEAT CROP IN SANDY SOILS. The 18th Conference of Miser Society of Agricultural Engineering "Agricultural Engineering Programs as Related to Employment Requirements", 26-27 October 2011, Al- Azhar University, Cairo, Egypt028 (4) 274 – 287.
6. **Abdelraouf, R.E.**, Abou-Hussein, S.D., Refaie K.M., El-Metwally, I.M. (2012). EFFECT OF PULSE IRRIGATION ON CLOGGING EMITTERS, APPLICATION EFFICIENCY AND WATER PRODUCTIVITY OF POTATO CROP UNDER ORGANIC AGRICULTURE CONDITIONS. Australian Journal of Basic and Applied Sciences, 6(3): 807-816.
7. Refaie, K. M., Hassanein, M. K. K., **Abdelraouf R. E.** (2012). RESPONSE OF SOME CANTALOUPE HYBRIDS TO WATER STRESS. New York Science Journal 2012; 5(8). <http://www.sciencepub.net/newyork>
8. **Abdelraouf, R.E.**; Abou_Hussein, S.D.; Abd-Alla, A.M. and Abdallah, E.F. (2012). EFFECT OF SHORT IRRIGATION CYCLES ON SOIL MOISTURE DISTRIBUTION IN ROOT ZONE, FERTILIZERS USE EFFICIENCY AND PRODUCTIVITY OF POTATO IN NEW RECLAIMED LANDS. Journal of Applied Sciences Research, 8(7): 3823-3833, 2012.
9. Bakry, A.B., **Abdelraouf, R.E.**, Ahmed, M.A. and El Karamany, M.F. (2012). EFFECT OF DROUGHT STRESS AND ASCORBIC ACID FOLIAR APPLICATION ON PRODUCTIVITY AND IRRIGATION WATER USE EFFICIENCY OF WHEAT UNDER NEWLY RECLAIMED SANDY SOIL. Journal of Applied Sciences Research, 8(8): 4552-4558.
10. **Abdelraouf. R.E.**; M.E. Abuarab (2012). EFFECT OF IRRIGATION FREQUENCY UNDER HAND MOVE LATERAL AND SOLID SET SPRINKLER IRRIGATION ON WATER USE EFFICIENCY AND YIELD OF WHEAT. Journal of Applied Sciences Research, 8(11): 5445-5458.
11. **Abdelraouf, R.E.**, Abou-Hussein, S.D., Neama M. Marzouk, Elbegawy, M. KH. (2013). EFFECT OF PULSE DRIP IRRIGATION TECHNOLOGY ON THE ECONOMICAL PARAMETERS OF POTATO PRODUCTION UNDER ORGANIC AGRICULTURE. Journal of Applied Sciences Research, 9 (1): 601-611, 2013.
12. **Abdelraouf, R.E.**; Refaie, K.M.; Hegab, I.A. (2013). EFFECT OF DRIP LINES SPACING AND ADDING COMPOST ON THE YIELD AND IRRIGATION WATER USE EFFICIENCY OF WHEAT GROWN UNDER SANDY SOIL CONDITIONS. Journal of Applied Sciences Research, 9(2): 1116-1125.
13. Hozayn M., A.A. Abd El Monem, **R.E. Abdelraouf**, and M.M. Abdalla, (2013). DO MAGNETIC WATER AFFECT WATER USE EFFICIENCY, QUALITY AND YIELD OF

14. **Abdelraouf, R. E.**, Bakry, A. B and Taha, M.H., (2013). EFFECT OF PULSE DRIP IRRIGATION AND MULCHING SYSTEMS ON YIELD, QUALITY TRAITS AND IRRIGATION WATER USE EFFICIENCY OF SOYBEAN UNDER SANDY SOILS CONDITIONS. *Agricultural Sciences.* , Vol.4, No.5, 249-261.
15. **Abdelraouf. R.E.**; M.E. Abuarab (2013). EFFECT OF IRRIGATION FREQUENCY UNDER HAND MOVE LATERAL AND SOLID SET SPRINKLER IRRIGATION ON WATER USE EFFICIENCY AND YIELD OF WHEAT. *Misr J. Ag. Eng.*, 30 (1): 171 - 196
16. **Abdelraouf, R.E.**; S.F. El Habbasha ; M. Hozayn ; E. Hoballah, (2013). WATER STRESS MITIGATION ON GROWTH, YIELD AND QUALITY TRAITS OF WHEAT (*TRITICUM AESTIVUM L.*) USING BIOFERTILIZER INOCULATION. *Journal of Applied Sciences Research* , 9(3): 2135-2145.
17. **Abdelraouf, R.E.**, S.F. El Habbasha, M.H. Taha , K.M. Refaie. (2013). EFFECT OF IRRIGATION WATER REQUIREMENTS AND FERTIGATION LEVELS ON GROWTH, YIELD AND WATER USE EFFICIENCY IN WHEAT. *Middle-East Journal of Scientific Research* 16 (4): 441-450.
18. Hussein, M.M. and **Abdelraouf, R.E.** (2013). EFFECT OF IRRIGATION BY MIXED AGRICULTURAL DRAINAGE WATER AND POTASSIUM FOLIAR FERTILIZER ON THE GROWTH AND PHOTOSYNTHETIC PIGMENTS OF JATROPHA PLANTS. *Middle East Journal of Agriculture Research*, 2(4): 116-122.
19. Okasha, E.M.; **Abdelraouf, R. E.** and M.A.A. Abdou (2013). EFFECT OF LAND LEVELING AND WATER APPLIED METHODS ON YIELD AND IRRIGATION WATER USE EFFICIENCY OF MAIZE (*Zea mays L.*) GROWN UNDER CLAY SOIL CONDITIONS. *World Applied Sciences Journal* 27 (2): 183-190. IF = 0.234
20. **Abdelraouf, R.E.**; Abo ElKheir, M. S.; El-Noemani, A. A. and Aboellil, A. A. (2013). RESPONSE OF SOME WHEAT VARIETIES TO DROUGHT STRESS UNDER SANDY SOIL CONDITIONS. *Middle East Journal of Applied Sciences*, 3(4): 180-185
21. **Abdelraouf, R. E.**; Sami, A. Metwally; Mehana, H.M. (2013). REUSE OF TREATED WASTEWATER FOR CULTIVATION OF ROSES FOR DECORATION ONLY AND NOT FOR FOOD INDUSTRIES. *Proceedings of BGL 2013. International Symposium on Botanical Gardens and Landscape, August 5 – 8, 2013, Golden Tulip Sovereign Hotel, Bangkok, Thailand.* Pp: 59-71.
22. **Abdelraouf, R. E.**; Hoballah, E.; Sahar, El. A. M. (2013). SUSTAINABLE USE OF WASTEWATER OF FISH FARMS IN POTATO CULTIVATION UNDER ARID REGIONS CONDITIONS. *Egypt. J. Agric. Res.*, 91 (2A): 1- 20
23. EL-Farouk, A. and **Abdelraouf, R. E.** (2013). EFFECT OF DROUGHT STRESS AND PULSE MICRO-IRRIGATION ON THE ECONOMICAL ASSESSMENT OF POTATO PRODUCTION. *Arab Water Council Journal*, Vol. 4 No. 2: 15 – 31

24. **Abdelraouf, .R. E.;** Hoballah, E.; Horia, M.A. (2014). REUSE OF DRAINAGE WATER OF FISH PONDS IN SOYBEAN CULTIVATION UNDER SPRINKLER IRRIGATION SYSTEM. *International Journal of Plant & Soil Science*. 3 (6):138 – 153.
25. **Abdelraouf, R. E.** and S.F. El Habbasha (2014). WHEAT PRODUCTION IN THE ARID REGIONS BY USING DRIP IRRIGATION SYSTEM. *International Journal of Advanced Research* (2014), Volume 2, Issue 3, 84-96 IF:1.659
26. Abul-Soud, M.; Refaie, K.M.; **Abdelraouf, R.E.** (2014). INFLUENCE OF VERMICOMPOST AND PLANT DENSITY ON SUSTAINABLE PRODUCTION OF PEAS. *Arab Univ. J. Agric. Sci., Ain Shams University*, Volume 22, Issue 1, 55-65.
27. **Abdelraouf, R. E.** (2014). NEW DESIGN FOR DRIP IRRIGATION SYSTEM TO MAXIMIZE FROM WATER USE EFFICIENCY UNDER DESERT ENVIRONMENT CONDITIONS. 1st World Irrigation Forum and 64th IEC Meeting, 29 September - 5 October 2013, Mardin, Turkey. pp 138
28. Bakry, A. B.; Ibrahim, O. M.; **Abdelraouf, R. E.;** Elham, A. B. (2014). EFFECT OF HUMIC ACID, MYCORRHIZA INOCULATION AND BIOCHAR ON YIELD, QUALITY AND WATER USE EFFICIENCY OF FLAXSEED UNDER NEWLY RECLAIMED SANDY SOIL. In press
29. **Abdelraouf, R.E.;** Ahmed, M. El-Farouk; Bakry, A.B.; Elbegawy, M. Kh. (2014). EFFECT OF SPRINKLER IRRIGATION SYSTEMS AND IRRIGATION FREQUENCY ON WATER USE EFFICIENCY AND ECONOMICAL PARAMETERS OF WHEAT PRODUCTION. *World Applied Sciences Journal*. In press
30. S.F. El Habbasha; **Abdelraouf, R.E.;** Ahmed Salah; Okasha, E.M. (2014). EFFECT OF PRESSURED IRRIGATION SYSTEMS, DEFICIT IRRIGATION AND FERTIGATION RATE ON YIELD, QUALITY AND WATER USE EFFICIENCY OF GROUNDNUT. In press
31. **Abdelraouf, R.E.;** Mehana, H.M. (2014). SUSTAINABLE USE OF TREATED SEWAGE WATER IN CULTIVATION OF SOME BIO-FUEL CROPS UNDER EGYPTIAN CONDITIONS. In press
32. Sami, A. Metwally ; **Abdelraouf, R. E.;** Abo Lila, B.H. (2014). EFFECT OF IRRIGATION BY MIXED DRAINAGE WATER OF ORNAMENTAL FISH BASINS AND MAGNESIUM FOLIAR FERTILIZER ON THE GROWTH OF POTUS PLANTS (*EPIPREMNUM AUREUM*). In press
33. **Abdelraouf, R. E.;** Hoballah, E.; Sahar, El. A. M. (2014). IMPACT OF TILLAGE DEPTH AND BIO-FERTILIZATION ON SUSTAINABLE PRODUCTION OF WHEAT UNDER ARID REGIONS CONDATIONS. In press
34. **Abdelraouf, R. E.** and Bedar, R. R. (2014). USING REMOTE SENSING AND GIS TECHNIQUES IN THE SCHEDULING OF PRESSURIZED IRRIGATION SYSTEMS. In press

35. **Abdelraouf, R. E. (2014).** SUSTAINABLE MANAGEMENT OF DRAINAGE WATER OF FISH FARMS IN AGRICULTURE AS A NEW SOURCE FOR IRRIGATION AND A BIO-SOURCE FOR FERTILIZING. In press
36. **Abdelraouf, R. E. (2014).** EFFECT OF CLOSED CIRCUITS SPRINKLER IRRIGATION SYSTEM AND MINIMUM TILLAGE ON WATER DISTRIBUTION UNIFORMITY, INFILTRATION RATE, SOIL MOISTURE DISTRIBUTION, APPLICATION EFFICIENCY, YIELD, QUALITY AND WATER USE EFFICIENCY OF WHEAT. Accepted in 2nd Annual International Conference on Water, 14-17 July 2014, Athens, Greece.
37. **Abdelraouf, R. E. (2014).** IMPROVING WATER USE EFFICIENCY UNDER DRIP IRRIGATION SYSTEM BY USING NEW ENGINEERING METHOD FOR DISTRIBUTION OF ORGANIC FERTILIZERS UNDER ARID REGIONS CONDITIONS.
38. **Abdelraouf, R. E. (2014).** SUSTAINABLE WATER MANAGEMENT AND OPTIMUM TIME FOR FERTIGATION UNDER ARID REGIONS CONDITIONS. In press
39. **Abdelraouf, R. E. (2014).** DESIGNING OF INNOVATIVE CONTROLLER UNIT FOR APPLYING SURGE AND ALTERNATIVE FURROWS IRRIGATION TECHNIQUES. In press
40. **Abdelraouf, R.E. (2014).** INNOVATIVE AND SUSTAINABLE DESIGN FOR AQUAPONIC SYSTEM USING RICE STRAW AND SOLAR ENERGY. In press
41. **Abdelraouf, R.E.(2014).** COMPARISON OF SEVERAL REFERENCE EVAPOTRANSPIRATION METHODS FOR EL-NOBARAIA CITY, EL-BIHERA, EGYPT. In press

PARTICIPATING IN THE RESEARCH PROJECTS:

1. Member of research team in the project “*Sustainable use of irrigation water in the Mediterranean Region*” Project acronym: *SIRRIMED* - Grant agreement no.:245159 - 07/10/2009 - Grant agreement for: Collaborative Project – SICA (Mediterranean Partner Countries) Principle Investigator (Ass. Prof. Magdi Tawfeek, Botany Dep., National Research Center, Egypt. **Start from 2010 to 2013.**
2. Member of research team in the project “*Basic of Biological Resistance on Open drains for Upper Egypt and Delta*” Principle Investigator (Prof. Mohamed Fawzy, Channel Maintenance Research Institute. National Water Research Center, Egypt. Repot No. (6) **2002.**
3. Member of research team in the project “*Effect of water weed on hydraulic efficiency of open channels*” Principle Investigator (Prof. Mohamed Fawzy, Channel Maintenance Research Institute. National Water Research Center, Egypt. Repot No. (23) **2002.**
4. Member of research team in the project “*Treatment of waste water by using advanced technology for reuse in agricultural Lands*” Principle Investigator (Ass. Prof. Ahmed

Tawfek, Water Pollution Dep., National Research Center, Egypt. Project No. (840807) **2010.**

5. Member of research team in the project "*Using of Magnetic Water Technology in Improvement of Crops Production under Environmental Stress*" Principle Investigator (Ass. Prof. Mahmoud Hozain, Agronomy Dep., National Research Center, Egypt. Project No. (9050102) **Start from 2010 to 2012.**
6. Member of research team in the project "Growing and Improving of Some Biofuel Crops Using Poor Quality Water in Less Fertile Soils" Project No. (9010405) **Start from 2010 to 2012.** National Research Center, Egypt.
7. Member of research team in the project "Increasing Water Use Efficiency and Improving Productivity and Quality of Some Crops under Modern Irrigation Systems" Project No. (9050308) **Start from 2010 to 2012.** National Research Center, Egypt.
8. Member of research team in the project "Some strategies for improving food legumes salinity stress tolerance" Project No. (9050105) **Start from 2010 to 2012.** National Research Center, Egypt.
9. Member of research team in the project "Development and Improvement quantity and quality of some fibers and oil crops." Project No. (9050302) **Start from 2010 to 2012.** National Research Center, Egypt.
10. Member of research team in the project "Improving productivity of major cereal crops" Project No. (9050307) **Start from 2010 to 2012.** National Research Center, Egypt.
11. Member of research team in the project "Egyptian Vegetable Gene Resources Evaluation, Documentation and Utilization in Breeding New Local Promising Cultivars (EVGREDU)" Project No. (9050403) **Start from 2010 to 2012.** National Research Center, Egypt.
12. Member of research team in the project "Manufacturing jojoba and jatropha harvesting machine by using local materials" Project No. (10121001) **Start from 2013 to 2016.** National Research Center, Egypt.
13. Member of research team in the project "Genotypic variation and its relation with effect of water regime on yielding, fruit quality and processing ability of some fig cultivars" Project No. (10120103) **Start from 2013 to 2016.** National Research Center, Egypt.
14. Member of research team in the project "precise determination of water requirements for some crops by estimating the crop coefficient under Egyptian conditions in the new lands" Project No. (10120102) **Start from 2013 to 2016.** National Research Center, Egypt.
15. Member of research team in the project "Increasing performance and Productivity of Flax and Soy bean Crops under Newly Reclaimed Soils" Project No. (10120201) **Start from 2013 to 2016.** National Research Center, Egypt.
16. Member of research team in the project "Improving production and quality of some biofuel crops grown using poor quality water in lands not for food production" Project No. (10040406) **Start from 2013 to 2016.** National Research Center, Egypt.

17. Member of research team in the project “Effect of using some agricultural tools on some soil physical properties, plant growth and water and fertilizer use efficiency.” Project No. (10120109) **Start from 2013 to 2016**. National Research Center, Egypt.

TRAINING @ WORKSHOPS:

Organization Training Courses (Courses instructor) and Workshops

1. Giving training courses on "Development abilities of young researcher's project, next generation project" Hold on 28/2/2011 to 3/3/2011, Training Center, National Research Center, Egypt.
2. Giving training courses on "Applications of modern agricultural technology in agricultural Lands" Hold on 20/11/2011 to 24/11/2011, Training Center, and National Research Center, Egypt.
3. Giving lecture about: "Sustainable Management of Irrigation Water under Arid Conditions" Hold on 30/12/2012 for new students, National Research Center, Egypt.
4. Giving training courses on “Safe management of wastewater under modern irrigation systems “Hold on 8/12/2013 to 12/12/2013 Training Management, Agricultural Engineering Research Institute, Agricultural Research Center, Ministry of Agricultural, Egypt.

Attendance Training Courses and Workshops

1. Training course on “*Desert Control Technologies for African Countries*” from June 21, 2011 to August 15, 2011 in Lanzhou, the **People's Republic of China**.
2. Training course on “Appropriate Management of Land and Water Resources for Sustainable Agriculture in Arid & Semi-Arid Regions” Core **Training in Japan**: August 15, 2012 – November 24, 2012 (at **Tottori university**) and
3. Complementary Training in Egypt : November 25, 2012 – December 25, 2012 (at National Water Research Center , Egypt)
4. Training course on “*Water Weed*” Channel Maintenance Research Institute. Hold on 8/9/2001 to 20/9/2001.
5. Training course on “*Physical, Chemical and Biological Properties of Lakes and Maintenance Methods*” Channel Maintenance Research Institute. Hold on 13/4/2002 to 22/4/2002.
6. Training course on “*Design of Irrigation Systems* “Agricultural Engineering Research Institute - Agricultural Research Center – Ministry of Agriculture – Egypt. Hold on 10/7/2004 to 10/11/2004.

7. Workshop on "*The Leadership Skills*" AMIDEAST/EGYPT holds on 12/2/2005 to 13/2/2005.
8. Workshop on "*The Team Building*" AMIDEAST/EGYPT holds on 6,7and 8/3/2005.
9. Workshop on "*Basic Research Methodology*" The American University Cairo holds on 1/6/2004 to 8/6/2005.
10. Workshop on "*The Effective Presentation Skills*" AMIDEAST/EGYPT holds on 10, 12/3/2006.
11. Training course on "*Basic Scientific Writing*" National Research Center, holds on 12/6/2007 to 19/6/2007.
12. Training course on "*Microsoft PowerPoint, Microsoft Access and Statistic Programs*" Cairo University, holds on 20/10/2007 to 14/11/2007.
13. Workshop on "*Formulation and writing Project Proposals*" in National Research Center holds on 30/5/2010 to 3/6/2010.
14. Participating in Workshop on "*Using Remote Sensing Technologies and Geographical Information Systems in Development of Environmental Resources*" in National Committee for Remote Sensing, Egypt, from 20 - 22/9/2010.
15. Participating in Workshop on "*Organic Agriculture and Consumer Protection*" Agriculture Research Center, Egypt, on 10/10/2010.
16. Training course on "*Modern Irrigation Systems*" The American University in Cairo holds on 20 - 24/2/2011.
17. Training course on "*Landscape Design and Management*" The American University in Cairo holds on 22- 26/5/2011.
18. Participating in Workshop under title "*Designing @ Statistical Analysis of Biological Experiments*" held on 22 May- 2011 in national Research Center – Egypt.
19. Training course on "*Geographic Information Systems*" National Research Center, holds on 22/10/2011 to 31/10/2011.
20. Participating in Workshop under title "*FUTURE OF WORLDWIDE WATER RESOURCES*" held on 28, November 2011 in national Research Center – Egypt.
21. Participating in Workshop under title "*USING OF SIMULATION MODELS IN AGRICULTURE, SALTMED MODEL*" held on 29, November 2011 in national Research Center – Egypt.
22. Participating in Workshop under title "*ENVIRONMENT & BIO-AGRICULTURE*" held on 2 -3 April 2012 in national Research Center – Egypt.
23. Training course on "*Remote Sensing*" social service Center, Cairo university-holds on 1/3/2012 to 28/4/2012.

24. Workshop on “International Workshop on Developing Management Strategies for Coping with Drought and Water Scarcity “On 2 October, 2013/ Mardin – Turkey
25. Workshop on “International Workshop on Management of Water, Crops and Soils under Climate Change “On 2 October, 2013/ Mardin – Turkey
26. Workshop on “International Workshop on Water Wisdom and Sustainability “On 3 October, 2013/ Mardin – Turkey

CONFERENCES AND SYMPOSIUMS:

1. Participating in the The First International Conference “Food and Agriculture: new Approaches”. December, 2 -4, 2013 National Research Center, Cairo, Egypt.
2. Participating in the 3rd International conference of Agricultural & Bio-Engineering. Entitled “Engineering Application for Sustainable Agricultural Development”. 24 November, 2013. Conference Hall of the Egyptian International Center for Agriculture, Nadi El-Said St. Dokki- Giza- Egypt.
3. Participating in the 12th Conference of Miser Society of Agr. Eng., “*Modern Technology in Agric. Eng. Researches and Application*”, 4-5 October 2004
4. Participating in symposium under title “*for sustainable agricultural environment* “and my presentation was “*Maximizing of water management by using pulse irrigation technique under organic agriculture* “held on 24 may 2009 in national Research Center – Egypt.
5. Participating in symposium under title “*Towards a sustainable agricultural environment* “Part 3 held on 29 June- 2010 in national Research Center – Egypt.
6. Participating in symposium under title “*Financial, Technical and Marketing Feasibility Studies of Proposed Project*“held on 30 June 2010 in national Research Center – Egypt.
7. Participating in the 9th Conference of Soil Science. Environmental Changes as Related to Soil Productivity in Egypt, from 18 to 20 October 2010.
8. Participating in the 17th Conference of Miser Society of Agr. Eng. Role of Agricultural Engineering in Environmental and Sustainable Development for the Valley and Delta Areas, 28 October 2010.
9. Participating in symposium under title “*Design and analysis of biological experiments using the program of CoStat V.6.400*“held on 27 April 2011 in national Research Center – Egypt.
10. Participating in the International Conference under title “*Oasis Forum*“and my presentation was “*Oasis Protection by Water Management Technology and Biological and Mechanical Control* “from 19 to 20 July 2011 in Hexi University, China.

11. Participating in the 18th Conference of Miser Society of Agricultural Engineering “Agricultural Engineering Programs as Related to Employment Requirements”, 26-27 October 2011, Al- Azhar University, Cairo, Egypt0
12. Participating in symposium under title “*Funding Opportunities In Europe*”holed on 29 February 2012 in national Research Center – Egypt.
13. Participating in symposium under title “*How to plan for projects’ sustainability*”holed on 4 March 2012 in national Research Center – Egypt.
14. Participating in symposium under title “*How to plan for projects’ sustainability*”holed on 18March 2012 in national Research Center – Egypt.
15. Participating in symposium under title “*Water of Nile River, Challenges and Future*”holed on 26 March 2012 in national Research Center – Egypt.
16. Participating in “the Conference of Water desalination in the Arab region - future approaches” 26 May 2013, conferences’ Al- Azhar hall, Cairo, Egypt0
17. Participating in 1st World Irrigation Forum and 64th IEC Meeting, 29 September - 5 October 2013, Mardin, Turkey.
18. Participating in 3rd International conference of Agricultural & Bio-Engineering. Entitled “Engineering Application for Sustainable Agricultural Development”. 24 November, 2013. Conference Hall of the Egyptian International Center for Agriculture, Nadi El-Said St. Dokki- Giza- Egypt.
19. Participating in The First International Conference “Food and Agriculture: new Approaches”. December, 2 -4, 2013 National Research Center, Cairo, Egypt

SCIENTIFIC SUPERVISION:

- 1- **Graduate supervising for PhD student.** Title "*Effect of automation scheduling of irrigation on water use efficiency under pressurized irrigation systems*" Registration date: 8/12/2010 Student name: Marwa Mahmoud Abdelbaset, Asst. Researcher in Water Relations and Field Irrigation Dept. NRC
- 2- **Graduate supervising for M.Sc student.** Title "*Engineering Study on the Performance of Aeration System of Fish Ponds and Reuse of Its Water In Safe Agriculture*” Student name: Amal El-Bendary Zaher , Water Relations and Field Irrigation Dept. NRC

DELEGATIONS:

Delegation in Higher Institute for Agricultural Co-Operation – Ministry of Higher Education for teaching courses of Agricultural Engineering (Plane survey- Water Management and Irrigation Systems) from academic years, 2009/2010 until now 2012/2013.

WRITING OF SCIENTIFIC ARTICLES:

1. An article “*Automatic Control in Drip Irrigation Systems*” Public management of Agricultural Culture - Ministry of Agriculture, Egypt. Vol. (61), 2006.
2. An article “*Ground water wells*” “Shames Journal, Vol., (87), 2007. shamsmediaest@yahoo.com
3. An article “*Saving Water, Raising and Improvement of Yield by Using Pulse Irrigation*” “Shames Journal, Vol., (119), 2011. shamsmediaest@yahoo.com

MEMBERSHIP OF SCIENTIFIC, SOCIAL AND PROFESSIONAL ORGANIZATIONS:

1. Member of International Fellowship of Ford Foundation – USA, from 2005 until now.
2. Member of Misr Journal of Agricultural Engineering.
3. Member of Society of Clean Agriculture Systems – National Research Center – Dokki Giza – Egypt.
4. Member of Egyptian Soil Science Society (ESSS), Egypt.
5. Member of Arab Union for Sustainable Development & Environment
6. Member of Arab Water Council
7. Member of International of Irrigation and Drainage Committee, New Delhi, INDIA

LANGUAGES:

1. Arabic: Mother Tongue.
2. English : Speaking, Reading and Writing (fluently)
3. Successfully participating in “An Intensive Program of English Studies” hold on Spring International Language Center – **University of Arkansas – USA** on 14 march 2008.
4. “Certificate of local TOEFL 520” Ain Shams University on 4/6/2008.
5. “The General English Course” AMIDEAST/EGYPT, hold on May 15,2005 – June 13, 2005

COMPUTER SKILLS:

1. Word processing Software (e.g. MS Word)
2. Spreadsheet Software (e.g. Excel)
3. Operating Systems (e.g. Windows 2007, XP)
4. Presentation Software (e.g. PowerPoint)
5. Internet Browser (e.g. Internet Explorer)