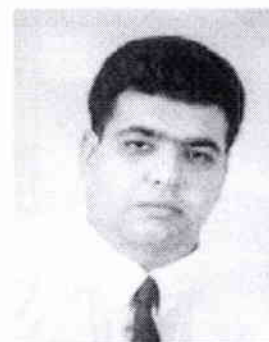


Curriculum Vita



Dr. Hesham Abdel -Moneim Farag

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Personal Data :

Date of Birth 29/10/1969
Place of Birth cairo- Egypt
Nationality Egyptian
Gender Male
Current position Associate professor / senior researcher
Languages Arabic (Mother Tongue)
English excellent
French Fair

Education :

*B.Sc. of agricultural engineering 1991 very good with honor-Cairo university
*M. Sc . of agricultural engineering 1996 - Cairo university
*Ph. D. of agricultural engineering 2003 - Cairo university
*Post doctoral 2006-2007 biological engineering department,
faculty of engineering Dalhousie
University, Nova Scotia, Canada

Experience :

- **Expert** of agricultural mechanization and on farm irrigation in Niger- west Africa
2010 to Feb. 2013(according to the Egyptian – Niger protocol)
- **Director** of the Joint Egyptian Farm in Niger 2010 to Feb. 2013
- **Supervisor** of the information technology unit. in agricultural engineering research
institute.(AEnRI) From 2004 to 2010.
- **Researcher** in agricultural engineering research institute

- From 2004 till now
- **Assistant researcher** in agricultural engineering research institute.
From 1993 - 1997
 - **Researcher assistant** in agricultural engineering research institute.
From 1997 - 2004
 - **Lecture** in higher cooperation agricultural institute. From 1997 -2003
 - **A member** of the safety utilization of agricultural waste project (Europe – Egypt – 2002 – 2006).

Duties :

- ◆ Transfer the Modern Agricultural Technology to the local agricultural sectors.
- ◆ Adopt Environment conservation and waste management
- ◆ Prepare a many project proposals in the area of waste management and water conservation
- ◆ Prepare researches schema and planing , and training courses in most of agricultural ergonomics and environment engineering sectors and computer software.
- ◆ Work in machine design and development of agricultural machinery .
- ◆ Preparing field days and demonstration in agricultural engineering sector especially for farmers and extension engineers.
- ◆ Design and install modern irrigation systems.
- ◆ Computer used for the professional programs .
- ◆ In charge and supervising administrative routine work.
- ◆ Teaching and demonstrate the agricultural engineering courses in the higher cooperation agricultural institute.
- ◆ Supervisor of some agricultural reclamation projects
- ◆ Technical supervisor of constructed of the mega grape farm project at military farms, Gabal El Sheah, Assuit, upper Egypt,.
- ◆ A special study and research in agricultural ergonomics, safety and health, environmental engineering, waste recycle and water treatment.
- ◆ 16 years of hand- on experience on PC software training (Operating system – MS Office – Internet – GIS – IT – Databasae – ACAD)

Computer Skills:

MS.Word –Excel - Power point – Access
ACAD – SPSS – Minitab - FrontPage – Internet
ICDL Certificate

Training courses:

- ◆ computer courses at the Canadian project (CEMARP) on Egypt and ARC:-
 - Introduction to computer. - MS Dos. Windows .MS Word .MS Access.MS Excel.
MS Power Point. MS Front Page. Introduction to Internet. Programming with HTML.
ILWAS "GIS software" , SPSS
 - English language courses in American University in Cairo(AUC).
- ◆ Machine design, prototype machine manufactured, AutoCAD, in agricultural engineering research institute (AEnRI) .
- ◆ Environment and pollution in Cairo university
- ◆ Automation of farm machinery in Japan .
- ◆ Project management in RITI, USA academy, Zamalek, Cairo.

Overseas conference and workshop

- New Science and Technology in Agricultural – Japan Science and Technology Corporation , JICA, - 1998, Hokkaido, Japan
- Small wetlands designed for the study of greenhouse gases emission, Nova Scotia Agricultural college (NSAC) ,Nova Scotia, Canada.
- The annual Dalhousie University Environmental Research Symposium, Halifax, Canada
- Field day on Nova Scotia Agricultural college (NSAC), Truro, Nova Scotia, Canada
- Writing papers, Oral presentations and problem solving. Academic success services, Dalhousie University, NS, Canada, March , 2007 .
- The first Graduate Research Symposium. Biological and Chemical Engineering Programs, Dalhousie University, NS, Canada, April 11, 2007.
- Materials Characterization Techniques. The Institute for Research in Materials at Dalhousie, Nova Scotia, Canada. May, 2007.
- 10th International Congress on Mechanization and Energy in Agricultural. October 2008, Antalya, Turkey
- Food security workshop, International Crops Research Institute for the Semi arid tropics (ICRIAT) 2011

Academic supervision

- ◆ Mechanization of landscape, MSc. Cairo university
- ◆ A study on the distribution and recycling of agricultural residues using the (GIS), MSc., Ain Shams university,
- ◆ Mechanization of beans, MSc. Zgazig university
- ◆ An Aquaponic system for fish pond water treatment and produce fish meat and forge crop, MSc., Ain shams university
- ◆ Agricultural Equipment vibration impact on agricultural labor safety and productivity. PhD., Cairo university.

Association:

- Member in Miser society of agricultural engineering.
- Member in JAICA friends society .
- Member in Arab society of occupational safety and health.
- ASABE American Society of Agricultural and Biological Engineering

Publications

- Study of the Influence oh Hydroponics on Aquaculture. 13th Annual Conference of the Misr Society of Agricultural Engineering, 14-15 December 2005: 223-234.
- A Comparative Study of Three Compost Aeration Methods. Egyptian Journal of Agricultural Research. 2006, 84(4): 1197-1206.
- Perfprance of the Spiral Mixing Ribbon Type. Journal of Agricultural Science, Mansoura University, 2006, 31(7): 397-408.
- Phtoremediation of Anaerobic Digest Effluent for Water Purification and Production of Animal Feed. 2007, American Journal of Agricultural and Biological Science, 2(1): 1-15.
- A Hydroponic System for Purification of Anaerobically Treated Dairy Manure and Production of Wheat as a Nutritional Forge Crop. 2007, American Journal of Agricultural and Biological Science, 2(3): 206-217.
- A Simple and Novel Bioreactor for Agricultural and Municipal Solid Wastes Recycling. The Third Conference of Sustainable Agricultural Development, Fayoum University, 12 – 14 November 2007: 79-92.
- The Effect of Air Flow Rate and Mixing Period on Composting of Food Residues. Egyptian Journal of Agricultural Research. 2008, In Press.

- The Performance of Photovoltaic Solar Pumping Systems Suitable for Remot Regions. 10th International Congress on Mechanization and Energy in Agriculture, 14-17 October 2008, Antalya, Turkey,.
- The relationship between BMI and LBP for a population exposed to WBW in farm mechanization. The 17th Annual conference of the Misr Society of Agricultural Engineering, 28 Oct.2010, Cairo, Egypt
- Development of agricultural equipment seat suspension system unit to reduce wbv transmitted to agricultural equipment operators. Misr. J. Ag. Eng., 27(4): 1002-1033. 2011.