

## Curriculum Vita



**Professor: Essam El-Din Abd El-Monaim Ali Wasif**

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### **Personal Data :**

**Date of Birth** 22/1/1959, Egypt  
**Nationality** Egyptian  
**Marital Status** married with two children  
**Language** Arabic (Mother Tongue)  
English excellent

### **Academic Qualification :**

- B.Sc. in Agriculture Science (Agricultural Engineering Dept.), Faculty of Agriculture – Ain Shams University - June 1981.
- M.Sc. in Agricultural Science (Agricultural Engineering Dept.) – January 1991.
- Ph.D. in Agricultural Science (Agricultural Engineering Dept.) – October 1998.
- Assistant professor of agricultural engineering, (AEnRI), (2004).
- Professor of agricultural engineering, (AEnRI), (2009).

### **Positions Held :**

- 1983- 85: Maintenance Engineering, Maintenance and repair different Kinds of machines and tractors. (Ag. Eng. Res. Inst.)
- 1985 - 87: Coordinator of Behera and Gharbia Governorate for rental Stations and Irrigation Design (Ag. Eng. Res. Inst.)
- 1987 - 91: Coordinator for North Area of Egypt for rental stations, Irrigation and Greenhouse Design (Ag. Eng. Res. Inst.)
- 1991 - 98: Expert of Modern Irrigation Systems, Green -House and assistant manager on Technology Transfer Section.
- 1998-2004: Assistant Manager of the Regional Project, Appropriate Technology for Wastewater Treatment and Reuse in Rural Middle East Areas, MERC, USAID.
- 2004: Senior researcher on technology transfer section (Ag. Eng. Res. Inst.).
- 2007: Expert of agricultural Engineer in Niger country (2007-2010).
- 2009: Head of researchers on technology transfer section (Ag. Eng. Res. Inst.).
- 2010: Deputy director of (Ag. Eng. Res. Inst.).
- 2011: Director of (Ag. Eng. Res. Inst.).

## **Duties and Experience :**

- ◆ Work in agricultural technology transfer for the local agricultural sector.
- ◆ Work in production of organic crops in egyptian agricultural .
- ◆ Prepar researches schema and planing , and training courses in most of agricultural engineering sectors.
- ◆ Preparing field days and demonstration in agricultural engineering sector especially for farmers and extenion engineers.
- ◆ Design and install modern irrigation systems.
- ◆ In charge and supervising administrative routine work.
- ◆ Supervisor of some agricultural projects
- ◆ A special study and reserch in bioagrecultural and wastewater treatment.

## **Computer Skills :**

MS.Word –Excel - Power point  
ACAD - Internet

## **Traning courses:**

- Attended a training course in Thailand and Philippines of one month (1983).
- Attended a training course in USA in Arizona for modern Irrigation system of two months (1984).
- Attended a training course in Germany in Deula School for seven months repair and maintenance of Ag. Machinery (1989).
- Attended a training course in USA in Arizona for modern Irrigation systems for two months (1994).
- Attended a training course in Sweden for organic agriculture development. (1999).
- Attended training course in Thailand for organic agriculture development (2002).
- Assistant Manager of the Regional Project, Appropriate Technology for Wastewater Treatment and Reuse in Rural Middle East Areas, MERC, USAID
- Attended agricultural engineering conference in Shanghai china (2004).
- Attended a conference of organic agricultural development in Gordon (2006).
- Ministry of Egyptian foreign affairs Envoy to the Niger country as expert of agricultural Engineer (2007-2010).
- Attended an advansed training course in USA in Clifornia for irrigation and extension short course expectations for four weeks during (2010).
- Member of supervising commeetti of african egyptian farms in Niger, Zambia, and Zenzebar (2011).
- Lecturer given in the field of agricultural development in Sultanate Oman for (2011).
- Travel to Chine on Scientific mission from 3 to 10 May 2012 in the framework of joint cooperation between the Engineering Research Institute of Ag. And the Chinese Academy of Agricultural Mechanization Science in the areas of scientific exchange in Ag. Engineering Res.
- Travel to Ethiopia in the period of 6-14 June 2012, to explore the sites proposed to set up projects in the framwork discuss the possibility of starting the implementation of the pilot farm projects a joint state of Ethiopia.

## **Association:**

- Member in Egyptian Society of Agricultural Engineering.
- Member in Egyptian Society of Organic Agriculture.
- Assembly members of the agriculture research corporation

## **Publications :**

- ◆ Lotfy, A., A. El-Rayes, and E. A. Wasif. 2003. Response of sesbania forafe yield to seedbed preparation systems, planting methods and seeding rotes. *Misr J. Ag. Eng.*, Jan. 20 (1): 129-143.
- ◆ Lotfy, A., E. A. Wasif, and H. E. Osman. 2003. Mechanization of rapeseed crop production in the new reclaimed soil. The 11<sup>th</sup> annual conference of Misr society of Ag. Eng. Oct. 15-16.
- ◆ El-Berry, A. M., M. T. El-Tantawy, E. A. Wasif, and A. I. Ghazy. 2003. Effect of using of treated wastewater on mulberry leaf production under modern irrigation system. The 11<sup>th</sup> annual conference of Misr society of Ag. Eng. 107-117, October 2003.
- ◆ El-Berry, A. M., M. T. El-Tantawy, E. A. Wasif, and A. I. Ghazy. 2003. use of foam media for filtering heavy sediments water. *Egypt J. Ag. Res.* 81(4): 1947-1961.
- ◆ El-Tantawy, M. T. S. M. Kamal, and E. A. Wasif. 2003. Management of some trickles irrigation systems in sandy soils. *Egypt J. Ag. Res.* 81(4): 1931-1945.
- ◆ El-Ansary, M. Y., A. M. El-Ghandy, M. A. Awad, and E. A. Wasif. 2003. Evaluation of alternate sets management of sprinkler irrigation. The 11<sup>th</sup> annual conference of Misr society of Ag. Eng. October 2003.
- ◆ El-Araby A. and Wasif, E. (2003), *Appropriate Technology for Wastewater Treatment and Reuse in Agriculture*, Proc. of USCID 2nd Intern. Conf. on Irrigation and Drainage, May 2003, pp 675-684.
- ◆ El-Araby A. and Wasif, E. (2003), *Water Reuse Pilot Study In Egypt*, A USAID Collaborative Regional Initiative. Water Reuse Symposium XVIII: A Resource without Borders. San Antonio, Texas.
- ◆ El-Araby A. and Wasif, E. (2004). *Environmental Wastewater Treatment and Reuse in the Egyptian Desert*. World Engineers' Convention 2004 (WEC2004) Shanghi, China, Nov. 2004 (Accepted for application).
- ◆ E-wasif, EL-Banna-H., and Abd-ELkarim, M.(2005). Effect of seedbed Preparation and irrigation cutoff on water use and corn yield. The 13th Annual conference of misr society of Agri.eng.Des.14-15 p.p 22-35 (2005) .
- ◆ E-wasif, Lotfy, A. and Samy EL-Seod Bader Development of a Mechanical Archimedean screw. The 27th Annual international Irrigation show November 5-7,2006 San Antonio, Texas.USA
- ◆ El-Araby A, E-wasif, and Hazem mehawd Safe Reuse .The 27th Annual international Irrigation show November 5-7,2006 San Antonio, Texas.USA .
- ◆ Essam Wassif, Yasser E. Arafa and Magdy T. El-Tantawy, "Impact of Fertigation Scheduling on Tomato Yield under Arid Ecosystem Conditions" (Aug. 2008).
- ◆ Evaluator of the student Wafaa Abd El-Razek on the MA and fulfillment from the Faculty of Ag. Ain Shams University (June 2012) Entitled "Economics of Mechanization in Egyptian Agriulture.
- ◆ Supervising for the student Yousria Atef Abd el-hameed, Fac.of Agr. Ain-Shams Univ. (Feb. 2010) entitled "Simulation Model For Center pivot irrigation system management".
- ◆ Supervising for the student Amira Hassan Raafat Mohamed from Faculty of Ag. Zagazig Univ. (2011) entitled "

- ◆ Supervising for the student Eslam Mohamed Ahmed Yousef from Faculty of Ag. Menoufia Univ. (2013) Entitled "Designing Trickle Irrigation System Based on manufacturing and Hydraulic Variations.
- ◆ Supervising for the student Nora El-Fadly Arafat from Faculty of Ag. Menoufia Univ. (2013) Entitled "Designing A Tricle Irrigation lateral with microtube emitter.