

المجلة الزراعية بكلية الزراعة جامعة المنصورة	تطوير آلة محلية تدار بواسطة الانسان أ المحرك لرش المبيدات في حقول المحاصيل والبساتين

يمكنك استخدام صفحات إضافية

أذكر شهادات التقدير أو الجوائز العلمية التي تحصلت عليها:

Curriculum Vitae

Wael F.A. El-Metwalli

Picture

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PERSONAL DATA

- **Date of birth:** 20/1/1972.
- **Place of birth:** El- Ghrabya, Egypt.
- **Nationality:** Egyptian.
- **Gender:** Male.
- **Marital Status:** Married.

COMMUNICATION INFORMATIONS

- **Address:** El-Nawya, Smmmanoud, Gharbia Governorate, Egypt.
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2/23/2014

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EDUCATION

- **PhD** (2009) in Agricultural Engineering. "Development of a high clearance model tractor for more usage and improvement of its performance", Faculty of Agriculture, Mansoura University, Egypt.
- **Master course**, (2001): "Development of a Local Spraying Machine Manual / Mobile Driven for Crops and Orchard", Faculty of Agriculture, Mansoura University, Egypt.
- **B.Sc.** In Agriculture (June 1994): Department of Agricultural Engineering, Faculty of Agriculture, Tanta University. Egypt. With cumulative grade "Very Good"

WORK EXPERIENCE

- Researcher (April 2010– until now): Agricultural Engineering Research Institute (AEnRI), Egypt.
- Assistant Researcher (February 2010 – April 2010): Agricultural Engineering Research Institute (AEnRI), Egypt.
- Agricultural Engineer (April 1996– February 2010): Agricultural Engineering Research Institute (AEnRI), Egypt.

FIELD OF EXPERIENCE

- Maintenance and working agri. Tractors.
- Maintenance, working and evaluation performance of combine harvester machines.
- Maintenance, working and evaluation performance of broadcasting, sowing and transplanter equipments.
- Maintenance, working and evaluation performance of soil bed preparation and leveling equipment with laser.
- Maintenance, working and evaluation performance of gathering, squeezing and chop agri. Wastes machines
- Geographic Information Systems Analysis.
- Remote Sensing Analysis.
- Land Evaluation Analysis.

COMPUTER SKILLS

- Microsoft Office (Word, Excel, PowerPoint, Access).
- Internet.
- Auto CAD 2D

LANGUAGE PROFICIENCY

- English: fluent, written and spoken.
- Arabic: fluent, written and spoken (native tongue).

LIST OF PUBLICATIONS

- 1- M.E. EL Iraqi and **W. F. EL Metwally** (2012) Modification of Portable Weeding Cutter for Irrigation and Drainage Banks. Misr J. of Agric. Eng. Vol. 29 (1):81-100, Egypt .
- 2- El-Shaika, M.A.; M.M. Abo-Hbagal ; H. EL. Abd-alla; M. A. Mostafa and **W.F.A.M.El Metwally** (2008). An Engineering study on the Performance Of A Developed High Clearance Tractor Prototype. Mansoura Univ., J. of Agric. Sci. Vol. 33 (9); 6543.-6559, Egypt
- 3-El -Shaika, M.A.; M.M. Abo-Hbagal ; H. EL. Abd-alla; m. a. Mostafa and **W.F.A.M.El Metwally** (2008). An Evolution Performance Of Inter-Row Cultivation System Using A Locally Constructed And Modified High Clearance Tractor Prototype. Mansoura Univ., J. of Agric. Sci. Vol. 33 (9); 6561.-6576, Egypt.
- 4- El-Shaika, M.A.; M.M Emara; M. A. Mostafa and **W.F.A.M.El Metwally** (2004). Development of a Local Spraying Machine for Crops and Orchard. Mansoura Univ., J. of Agric. Sci. Vol. 29 (11): 6379.-6392, Egypt.

TRAINING COURSES

Period		Subject of course	Place
From	To		
5 th Nov. 2013	5 th Jun. 2014	Advanced Management Practices & Technology Management in Process Plants & Engineering Industry/Service	Fluid Control Research Institute Kanjikode West Palghat 678 623, Kerala, INDIA

		Organization and Modern Management in Govt. and Public Administration(64th In Series)	
16 th Sep. 2012	27 th Sep. 2012	Design and analysis of agricultural experiments (Advanced - 1) using the program SPSS	Central Laboratory for Research on design and statistical analysis, Giza, Egypt.
1 st Aug. 2012	8 th Jul. 2012	Introduction to Nano Technology	Mansoura University Center for Nano Technology - Faculty of Engineering - Mansoura University Egypt
7 th Jun. 2012	8 th Jun. 2012	Benefit from the remnants of rice straw	ARC Central Laboratory for agricultural climate, Giza, Egypt
12 th Feb. 2012	16 th Feb. 2012	Engineering Poultry Farms and The Creation of Its Environment	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt.
18 th Sep. 2011	22 nd Sep. 2011	The Role of Agricultural Mechanization in Reducing Losses during Harvest Operations	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt.
18 th Apr. 2011	2 nd May. 2011	Proposal Writing and Research Funding Seeking	Technology Management Office at ARC, Giza, Egypt.
10 th Apr. 2011	13 th Apr. 2011	Preparing Trainer	Agric. Engineering Research Institute(AEnRI) Giza, Egypt
27 th Mar. 2011	31 st Mar. 2011	Basics of Electronic Cycles and Its Application In Agric.	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute

			(AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt.
23 rd Jan. 2011	30 th Jan. 2011	Harvesting Mechanization and Cleaning Cotton	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt
9 th Jan. 2011	13 th Jan. 2011	Laser Technique at Precision Leveling for Agric. Lands	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt
7 th Nov. 2010	11 th Nov. 2010	Using Remote Sensing and Applications of GIS at Agric. Scope	Agric. Engineering Research Institute (AEnRI); Giza, Egypt
15 th Nov. 2009	19 th Nov. 2009	Control and Measurement Equipment's for Postharvest Processes	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt
19 th Mar. 2005	30 th Mar. 2005	Physical and Mechanical Properties for Agric. Crops	Rice Mechanization Center (R.M.C), Agric. Engineering Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt
20 th Nov. 2004	1 st Des. 2004	Power Transmission at Agric. Machines	Rice Mechanization Center (R.M.C), Agric. Engineering

			Research Institute (AEnRI); Meet El-Deyba, Kafr El-Sheikh, Egypt
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References

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2. Prof. Dr.* **Hassan Elbana Osman**. Previous Director of Agric. Engineering Research Institute. <http://www.aenri.org/english.htm> Tel: +20233375853
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hassan@aenri.org; director@aenri.org
3. Prof. Dr.* **Youssef F. Sharobeem**. Professor of Agric. Engineering, Agric. Engineering Research Institute.
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