



CURRICULUM VITA.

PERSONAL HISTORY AND EXPERIENCE
OF

Dr. MOUSTAFA MAHMOUD MOUSTAFA.

* Objective:

- *Name:* Moustafa Mahmoud Moustafa Fathy.
- *Date of Birth:* Marsh 2, 1958. Cairo, Egypt.
- *Marital status:* Married and have two children (girls).

* Education:

✚ B.Sc., Soil Science (June 1981).

Faculty of Agriculture, Ain-Shams University- Cairo, Egypt.

✚ M.Sc., Agric. Engineering Science (1991).

Faculty of Agriculture, Ain-Shams University- Cairo, Egypt.

(In collaboration with the practical management of irrigation systems, Arizona, U.S.).

" Management of surge irrigation system in furrow irrigation "

✚ Ph.D., Agric. Engineering Science (2001).

Faculty of Agriculture, Ain-Shams University- Cairo, Egypt.

(In collaboration with the practical management of irrigation systems, Florida, USA).

" Chemigation for modified modern irrigation methods "

* Skills:

- ❖ Full time course of irrigation and soil (1983)
- ❖ -Land improvement sub-project, Mechanization project USAID, Egypt.
- ❖ Course of pumps operation and maintenance.
- ❖ Course of water management, USA. (1986 "New Mexico ", 1991 " Arizona, "1994" Florida" & 2009 " Davis, CA ").
- ❖ - Different types of laser equipment, USA and Egypt" Course of assembly, calibration, maintenance and replacement".
- ❖ Course of on Agricultural mechanization, Japan. (3/89 - 11/89)
- ❖ Course of water management, Spain. (2002).
- ❖ Conferences of water management, Germany. (2011).
- ❖ International irrigation show and technical.
- ❖ Promotional seminars for some companies (Rain Bird – Hunter – Toro.....).
- ❖ Local and international conferences for reuse of agricultural drainage water and sewage in agriculture.

*** Employment:**

- Technical Officer “Responsible for Agricultural Extension and Technical "Agriculture relations affairs, MOA, Egypt (1983).
- Researcher “Agricultural Engineering Research Institute, MOA, ARC, Egypt, Engineering On-Farm Water (2001).
- Training and Extension Advisor Land improvement, sub-project, Mechanization project USAID, MOA / Egypt.
- Responsible for Precision land leveling (PLL) by using laser technology and land improvement in all Upper Egypt govern orates.
- Consult and Professional of PLL Land improvement sub-project, Mechanization project USAID, MOA, Egypt.
- Responsible for taught and train trainer have been working in laser land leveling operation, survey and surface irrigation in Agricultural Engineering Research Institute (AEnRI) since 1983.
- Responsible for Extension and technical applied of modern surface irrigation systems in sugar cane farms in Upper Egypt.
 “Modern surface irrigation project, Sugar crops council ”.
- Consultant and Professional of irrigation systems " Responsible for design, extension and technical applied of modern irrigation systems in different field crops and landscape " for AEnRI, road & bridge authority, new cities authority, youth & sport ministry and many private companies.
- Consultant and expert for agricultural irrigation “Arab Organization for Agricultural Development“(League of Arab States).
- -Technical Consultant and Coordinator General of the Advisory Office of the agricultural systems of modern irrigation systems "Design guidance and technical support for modern irrigation systems for different field crops and green spaces" Agricultural Engineering Research Institute/Agricultural Research Center.
- Help researchers and supervision of the Theses (M.Sc / PhD) in the development of irrigation systems, fertilization and irrigation tasks and the economics of agricultural irrigation systems.
- Training of Egyptian Univ. students and expatriates from Arab and African countries on the design and management of modern irrigation systems.
- The design development of the hydraulic systems of modern irrigation of the joint Egyptian farmer in Africa.

*** Some of the business:**

" for example, is not limited to" in the field of irrigation systems "farming, afforestation and landscaping ":

1. *Design and implementation of modern irrigation networks and water pumping units for the work of afforestation and landscaping for the following: -*

- Misr / Alexandria Desert Road.
 - Misr / Ismailia Desert Road.
 - Misr / Belbeis Desert Road.
 - By farmers marine Alexandria / Burg El-Arab and the entrance of Alexandria city.
 - Landscaping on both sides of the Suez Canal Bridge commentator.
 - Landscaping on both sides of the bridge Aswan commentator.
 - Landscaping on both sides of the airport road – Aswan.
 - Misr / Alexandria / Alamein Desert. - By Katameya / Ain Sukhna Desert.
 - Airport Almazha and Burg El-Arab and developing irrigation systems Fayed military airport.
 - Some residential areas and main roads of the city of El-Sherouq.
 - Some residential areas and main roads of the city of Badr.
 - Some residential areas and main roads to 6th of October City.
 - Some residential areas and main roads of the city of 10 Ramadan.
 - Some residential areas and main roads of the city Al-obour.
 - Some residential areas and main roads of the city of Ismailia.
 - Some residential areas and main roads of the city of New Cairo.
 - Some residential areas and major roads to the city of New Fayoum.
 - Some residential areas of new Beni Suef.
 - Some residential areas and main roads of the city of New Minia.
 - Some large hotels (Movenpick - Gardenia - Conrad - Ghazala, "Sharm el-Sheikh," Inter-Continental - Sindbad - El Gouna - Oberoi -Sahl Hasheesh, "Hurghada", some of the Resort through Nuweiba / Taba).
2. Some private residential villas in the new cities and resorts (Sulaymaniyah Desert Road and Sheikh Zayed - Sandourini - El-Sherouq 2000 - Zayed 2000 - Al-obour - 6 Oct. - Fayed - by Mansuria and Saqqara).
 3. Some changes and developments of the irrigation systems (Palace of the dome - Recreation Burg Al Arab – Recreation Aswan - Ras Al Hikma / Matruh - Andalusian Resort / Matruh - International Garden / Cairo).
 4. Many private farms and government such as: - (farmer Oasis - UAE – African\Asian Writers Union - The Union of olive growers - Farms, New Valley and the oases of marine - farm research and production of the Ministry of Agriculture, Agricultural Research Center in Egypt - Egyptian farms common in Africa).
 5. Develop designs for modern agricultural irrigation networks for forest tree (Office of the Future Consultant / Arab Contractors) in favor of the National Authority for drinking water and sanitation to area 304 acres in Wadi Natrun.
 6. Design of irrigation systems of the Assembly of Arab Engineers Belbeis to the area of about 3200 acres.
 7. Design of irrigation systems for the Egyptian-Kuwaiti Company for Development and Investment Ayat to an area of about 2000 acres.

8. Design the main lines of the Assembly of fruitful struggle to the area of Beni Suef, about 2000 acres.
9. Establishment and development of soccer for youth centers (Al-Jazeera - Barajil - Abu Alnomrus - Malawi / Minya - Helwan - Aldaidamon / Sharqia - Damietta - Amiryah – 6 Oct).
10. Consultant Engineering agricultural irrigation (Agricultural Engineering Research Institute - General Authority for Roads, Bridges and Land Transport - New Cities - Holding Company for Water and Sanitation - Arab Company for Construction and Reconstruction – Misr Arab Poultry Co. - Egyptian\Kuwaiti Company for Development and Investment - Youth and Sports ..).

➤ **published researches:-**

- * EVALUATION TECHNIQUES OF GARDEN IRRIGATION SYSTEMS ON GROWTH FACTORS LANDSCAPING
- * The Surface and Subsurface Water Distribution Under Center Pivot Irrigation System.
- * Effect of Subsurface Drainage on Sugarcane Yield.
- * CHEMIGATION UNDER SURGE FLOW
- * EFFECT OF INJECTED " BUTRALIN HERBICIDE " THROUGH DRIP IRRIGATION SYSTEMS AND ITS RESIDUES ON CUCUMBER PRODUCTIVITY.
- * ENGINEERING PARAMETER PERFORATED PIPES SYSTEM AFFECT IN ON WATER IRRIGATION EFFICIENCY OF THE YIELD WHEAT CROP.
- * Development of a Plastic Mulching Machine.

*** Address ***

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- Telephone: (Mobil: +2 0111 011-8366)
- E-mail: dr.mostafamahd@hotmail.com & dr.mostafamahd@yahoo.com