



Name : Magdy Abdel Ghaffar Ali.
Nationality : Egyptian.
Profession : Soil & Water Specialist.
Place & Date of birth: Cairo, 24th February 1951.
Marital Status : Married.
Home Address : 9, El Gamha St. Giza-Egypt. Area Code: 12112

Present Employer : Soil, Water and Environment Res. Institute, ARC.
Tel. ☺ : **Home**, (00202)-42180407
: **Work**, (00202)-35720608 / 35724269
: **Mobile**, 01224575452

E-mail : dr_magdy50@yahoo.com, drmagdy50@hotmail.com

Fax : (00202) - 42188012 , 35720608

Proposed position : On-Farm Irrigation & Water Requirement.

Key Qualifications

- ↓ Background in soil, water requirement, consumptive use, crop coefficient, and on-farm irrigation enables. Outstanding experiences in the use and application of internationally recognized computer programs on crop water requirements, irrigation scheduling (CROPWAT and Others). Associated with the Agricultural Research Center for more than 30 years as a research fellow. In over 25 publications on soil, water and monitoring as well as crop modeling studies (Vulnerability & Adaptation in the agricultural sector). Also, on optimized modern irrigation techniques and fertilization schemes.

Academic and Professional Education:

1993 Ph. D. (Crop Water Requirements), Faculty Of Agric, Moshtohor, Zagazig University.

1988 M.Sc. (Crop Irrigation and Fertilization).
Ain Shams University.

1973 B.Sc. (Soil), Fac. of Agric., Ain Shams University.

International Project:

New Naga Hammadi Barrage and Hydropower Plant-Agriculture Programmed -Environmental Group, Ministry of Water Resources and Irrigation, ARAB REPUBLIC OF EGYPT.

1- Agricultural Technology Utilization and Transfer, Irrigation Systems Group-Ministry of Agriculture and Land Reclamation, ARAB REPUBLIC OF EGYPT.

For:

- ↓ • Establishment of database system for designing the modern irrigation techniques.
- ↓ • Preparing the technical specification and guidelines for designing the modern irrigation systems including irrigation networks and control heads.
- ↓ • Test and evaluate the performance of the modern irrigation techniques for the project crops and plants.
- ↓ • Set a design example and drawing the modern irrigation networks.
- ↓ • Enhance the capacity building and training the private projects on designing the modern irrigation techniques including operation and maintenance.
- ↓ • Raise the awareness (using different awareness campaigns) of the horticultural growers on designing, operating, and maintaining the modern irrigation systems and selecting the suitable ones.

Local Training:

Implementation of Climate Change Studies, U.S. Country Studies Program, Open Learning, Cairo, University, 12 March, 1995.

Irrigation Management, Arab Organization for Agricultural Development, League of Arab States, Cairo, Egypt, 19 - 26 July 1997.

Impact of Climate Change on Egyptian Agriculture, El-Kanater Research Station, Egypt, 14 -19 November 1998, (Coordinator).

Soil and Water Management, El-Kanater Research Station, Egypt, 11 – 16 September 1999, (Coordinator)

Development of water and soil resource in Egypt, El-Kanater Research Station, Egypt, 28 Oct. – 02 Nov 2000, (Coordinator) .

Modern technology of field irrigation systems, El-Kanater Research Station, Egypt, 27 Sep. – 11 Oct 2003, (Coordinator).

Meetings:

Curriculum Vitae

Dr. MAGDY ABDEL GHAFAR ALI

The Fourth Conference for Studies & Environmental Research Institute, Of Studies and Environment Research, Ain Shams University, Cairo, 15-17 November, 1994.

Eleventh Africa Symposium on Horticultural Crops Tomato Production on Arid Land Egyptian International Center of Agriculture, Cairo, Dec. 9 -16, 1984.

The Second Conference Of On-Farm Irrigation And Agroclimatology By Soil & Water Research Institute, A.R.C. Egypt, 2-4 January, 1995.

Cairo University Conference On Technological Techniques For Farm Irrigation Development In Rural And New Areas, Research Center For Development And Technological Planning, Cairo University, 3-4 April, 1996.

The Second Conference For Meteorology & Environmental Cases By Egyptian Meteorological Authority, Meteorology Specialists Association, Egypt, 2-6 March, 1997.

Conference of Meteorology & Sustainable Development by Egyptian Meteorological Authority, Meteorology Specialists Association, Egypt, 15-17 February, 1998.

The Third Conference Of On-Farm Irrigation And Agroclimatology Organized By Soil & Water Research Institute, A.R.C. Egypt, 25-27, January 1999.

Participation in the Workshop of the preparatory studies for the resource management component of NVRP (Phase II), Egypt Feb/March 1994.

Participation in the Workshop of the "Implementation of climate change studies in the support of the U.N. Framework Convention on Climate Change " Egypt March 1995.

Participation in the Workshop of the " Implementation of climate change studies in the Hotel Mercure Forsan Island, Ismailia" Egypt November 1996.

Participation in the Workshop of the "Building Capacity for Egypt to Respond to UNFCCC "Project Initiation Workshop (PIW) Helton Ramsis, Egypt, December 1996.

Participation in the Workshop of the " Building Capacity for Egypt to Respond to UNFCCC Communication Obligations" Climate Change Primer, Meridian Heliopolis, Egypt, 19-20 February 1997.

Participation in the Workshop of the "Building Capacity for Egypt to Respond to UNFCCC Communication Obligations "Climate Change and Agriculture Sector, Meridian Heliopolis, Egypt, March 1997.

Curriculum Vitae

Dr. MAGDY ABDEL GHAFFAR ALI

Participation in the Workshop of the "Building Capacity for Egypt to Respond to UNFCCC Communication Obligations "Climate Change and Agriculture Sector, Hurghada Intercontinental, Hurghada, Egypt, Feb. 13-15 1998.

Participation in the Workshop of the "Building Capacity for Egypt to Respond to UNFCCC Communication Obligations "Climate Change and Agriculture Sector, Sheraton Heliopolis, Egypt, November 13,1999.

International Conference on Integrated Management of Water Resources in the 21st Century, Nov. 21- 25 1999, Cairo -Egypt

"Environment '99" The Second International Conference & Trade Fair for Environmental Management and Technologies, Cairo international Conference Center, 26th November, 1999.

Participation in the Workshop of the " Building Capacity for Egypt to Respond to UNFCCC Communication Obligations" Climate Change Primer, Shepard, Cairo Egypt, Aug.,.6, 2001.

Participation in launching and methods training workshop on the impacts of climate change on agriculture in Africa, from 4 – 7 December 2002 at the Cape Town Holiday Inn Hotel in Cape Town, South Africa.

Experience Record

2004:

Head Researcher (Prof.).

Egypt. Agricultural Research Center, Soils & Water Research Institute. Water Requirements & Field Irrigation Dept.,

1999:

Senior Researcher (Assistant Prof.).

Participated in the Plan of On-Farm & Water Requirements Research Plan. Participated in the Nile Valley Project at Minya Govern orate on improving the flooding irrigation system.

1994:

Researcher (Lecturer). Participated in Research Plan including" Water Requirements of crop systems in new reclaimed lands.

1989:

Researcher Assistant for Water Requirements and Modern Irrigation techniques. Climatic conditions impact on ETcrop, growth and yield of major crops. Implementation of the research plan and Publications

Up to 1984:

Junior Researcher for soil survey, land reclamation researches and soil Parameter in relation to growth and yield as well as ET for field crops.

1973: On farm engineer

Egypt. Agricultural Research Center, Soils & Water Research Institute. Water Requirements & Field Irrigation Dept.,

Computer Skills:

Several packages under Windows_{xp}, & Microsoft Office.

- Microsoft Word xp.
- Microsoft Excel xp.
- Graphics Software.
- SAS and Mstatic software.
- Internet.

Languages:

- Arabic : Native Language.
- English : Very Good Command.
- French : Moderate

List of Some Publications:

1. **M. A. ALI** (1988) Response of tomato plant to fertilization and irrigation treatments. M.Sc.Thesis, Fac. Agric., Ain- Shames Univ.
2. Ibrahim, A.; Khalifa; M. Hafez and **M. A. ALI** (1993) Transpiration control and growth of tomato and squash plants. Egypt. J. Soil. Sci., 33, No. 2. pp. 135 -148.
3. **M. A. ALI** (1993) Physiological studies on water requirements of potato plant (*Solanum tuberosum*). Ph. D. Thesis, Fac. Agric. Moshtohor, Zagazig Univ.
4. Eid, H. M.; N. M. EL-Mowelhi; M.A. Metwally; N. G. Ainer; F. A. Abbas and **M. A. ALI** (1995a). Climate change and its expected impacts on yield and water needs of some major crops. Second ARC Field Irrigation and Agro climatology Conference. Paper No. 17 January 1995.
5. Eid, H. M., S. M. El-Marsafawy, N. G. Ainer, **M. A. ALI** M. M. Shahin, N. M.El-Mowelhi and O. El-Kholi 1996. "Vulnerability and Adaptation to Climate Change in Egyptian Agriculture". Country Study Report. (1-53), CSP Washington, D C.
6. Eid, H.M., S. M. El-Marsafawy, **M .A. ALI**, N. G. Ainer, A. A. Rayan and O. El-Kholi 1997. "Vulnerability and Adaptation to Climate Change in Wheat Crop" Meteorology and Environmental Cases. Conf. pp. 152-165, March, 1997 Egypt.

7. Eid, H.M., S.M. El-Marsafawy, A.Y. Salib, and **M. A. ALI** 1997. " Vulnerability of Egyptian cotton productivity to Climate Change" Meteorology and Environmental Cases. Conf. pp. 141-151, March, 1997 Egypt.
8. El-Marsafawy, S. M., A. Y. Salib, **M. A. ALI** and H. M. Eid (1998). Row width and nitrogen levels impacts on water relations, growth and yield of maize crop. Meteorology & Sustainable Development Conf., Feb. Cairo.
9. EL- Marsafawy, S. M.; **M. A. ALI** and H. M. Eid (1998) Effect of different sowing dates on some wheat varieties yield and their water relations. Meteorology and Sustainable development Conf. Feb. 1998, Egypt pp. 216 -231.
10. **M. A. ALI**; H. M. Mohmoud and A.Y. Salib (1998). Effect of soil moisture stress on apple trees. Egypt. J. Agric. Res., 76 (4), pp. 1565 –1583.
11. El- Ashry A. I.; M. T. Desouky and **M. A. ALI** (1998). Response of Strelitzia Reginae Ait. To soil moisture levels and GA3 applications. Egypt. J. Appl. Sc.; 13 (9), pp. 132 -154.
12. **M. A. ALI**; Amina, I. EL-Ashry; and M. T. Desouky (1998). Water relations, growth and flowering of Eiffel Tower rose, as influenced by soil moisture stress and paclobutrazol sprays. Menofia J. Agric. Res., Vol. 23 (1998) No. 5: 1345 - 1366.
13. Eid, H. M., S. M. El-Marsafawy, F. A. Abbas, **M. A. ALI** A. N. Khater and M. M. Eissa (2001). Estimation of water needs for vegetable crops in the new lands. Egyptian Meteorological Authority Meteorological, Research Bulletin, Vol.16 (2001) .pp. 156:179.
14. EL-MARSAFAWY SAMIA. M., Eid, H. M., KHATER, A. N. and **M. A. Ali**, (2002): Estimation of water requirements for Orchard trees in the new lands. Egyptian Meteorological Authority Meteorological, Research Bulletin, Vol.17. pp. 140:148.
15. **M. A. Ali** and Gobran, Y. N., (2002): Effect of soil moisture regimes and potassium application on growth, yield, fruit quality of Washington Novel Orange trees. Annals of Agric. Sc., Moshtohor, Vol. 40(3): 1669 – 1697.
16. **M. A. Ali** and M. T. Desouky., (2003): Physiological response of Jasminum Sambac plant to the combined effect of soil moisture levels and ancymidol applications. Minufiya J. Agric. Res. Vol. 28 No. 1: 195 – 215.

17. M. T. Desouky and M. A. Ali, (2003): Studies on water relation of Ficus retusa as influenced by ammonium nitrate and soil moisture stress conditioning. Minufiya J. Agric. Res. Vol. 28 No. 5(2): 1627 – 1649.
18. Sayed, M. A; A. M. Osman; M. A. Ali and M. A. El-Saadawy' (2003): Effect of irrigation water regime and nitrogen levels on two wheat cultivar in sandy soils .The 11th Annual Conference of Misr Society of Agr. Eng.: 310-318.
19. M. A. Ali and El – Sharkawy Sh. M. M., (2003): Response of some Pecan cv.s to some irrigation regimes. Annals of Agric. Sc., Moshtohor, Vol. 41(3): 1289 – 1305.

Certification

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experience and me.

Full name of staff member:

Full name of authorized representative: