

CURRICULUM VITAE



Personal Data	
NAME	<i>Mohamed Abdel–Aziz Abdel-Khalek El-Wardani</i>
CURRENT POSITION	<i>Deputy Director for Extension and Training,, Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Egypt.</i>
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NATIONALITY	<i>Egyptian</i>
DATE OF BIRTH	<i>September 2, 1959</i>
MARITAL STATUS	<i>Married</i>
LANGUAGES	<i>Arabic (mother tongue) - English (good to excellent)</i>
COMPUTER SKILLS	<i>Familiar with relevant word processing, power point, excel and spread sheet programmes under windows.</i>
Scientific Records	
1981	<i>B.Sc. Animal Production, Ain-Shams University, Egypt.</i>
1990	<i>M.Sc. Animal Production, Cairo University, Egypt.</i>
1995	<i>Ph.D. Animal Production, Cairo University, Egypt.</i>
Career records	
2005 - Present	<i>Chief Researcher for Animal Production Research Institute, Agriculture Research Centre, Egypt.</i>
2000 - 2005	<i>Senior Researcher for Animal Production Research Institute, Agriculture Research Centre, Egypt.</i>
1995 - 2000	<i>Researcher for Animal Production Research Institute, Agriculture Research Centre, Egypt.</i>
1990 - 1995	<i>Assistant Researcher for Animal Production Research Institute, Agriculture Research Centre, Egypt.</i>
1985 - 1990	<i>Research Assistant for Animal Production Research Institute, Agriculture Research Centre, Egypt.</i>
1984 - 1985	<i>Animal Production Specialist for the Egyptian Company of Meat and Milk Production, Ministry of Agriculture, Egypt.</i>
Occupation	
2011 - Present	<i>Deputy Director for Extension and Training,, Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Egypt.</i>
2002–2011	<i>Head of Animal Production Systems Research Department, Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture.</i>
2001-2002	<i>Coordinator of Dairy Production Systems Analysis Unit, of the EC funded Food Sector Development Programme.</i>

<i>Professional Activities</i>	
2014 - Present	Committee general trustee for the Conservation of local animal genetic resources, Animal Production Research Institute, Agricultural Research Centre.
2013 - Present	Member of the National Council for Agricultural Extension, Agricultural Extension, Ministry of Agriculture, Egypt.
2013 - Present	Member of the Technology Transfer Council for Agricultural Research Centre, Ministry of Agriculture, Egypt.
2013	General Secretary of Fourth Scientific Conference of the Animal Production Research Institute, during the period from 5 -7 November, 2013 - Egyptian International Center for Agriculture, Dokki – Giza.
2011 - Present	Member of Research Committee at the Animal Production Research Institute, Agricultural Research Centre.
2007-2008	National livestock consultant to participate in National Farming Systems Survey in Egypt supported by FAO project GCP/INT/945/ITA "Nile Basin Information Products / information products for Nile basin water resources management".
2007 - 2008	Principal investigator for project Development of market-oriented poultry production systems at the smallholders in rural areas supported by the Academy of Scientific Research and Technology / Animal Production Research Institute, Agriculture research centre, Egypt.
2003 - 2004	Principle investigator for project supporting and encouraging small farmers to have farm plan as part of program entitled "Partnership in development research" supported by the American University in Cairo, Social Research Centre, with financial contribution from the Minister for Development Cooperation, Ministry of Foreign Affairs, Government of the Netherlands.
2001 - 2003	Consultant of animal husbandry and training for the production and marketing of cattle feed project by RPD Livestock Services (The Netherlands), with financial contribution from the PSOM programme of the Dutch Government in agreement with the Government of Egypt.
2000 - 2002	Technical committee member to monitor the executive team of the project of biotechnology application to increase milk production of buffaloes, supported by regional national councils / Faculty of Agriculture, Mansoura University, Egypt.
1999 - 2001	Team leader for six field research officer to monthly monitoring for 158 smallholdings. They were distributed over six villages in the Dakahlia and Kafr El-Sheikh governorates for project of the application of biotechnology for treatment of infertility of Egyptian buffaloes, supported by the Academy of Scientific Research and Technology/ Faculty of Agriculture, Mansoura University, Egypt.
1995 -2001	Staff member of Dairy Systems Analysis Unit of the EC funded Food Sector Development Programme as: 1) field research officer in Cooperation with two extensions in target areas, as part of monitoring programme in six Governorates to collect reliable data on small & medium scale farms. 2) Coordinator / reporting officer of farm plan section, which started by setting up major seminars with particular reference to animal nutrition, animal housing,

	farm management, farm economics and farm plan application (train of extension staff in the field in different areas). 3) Technical packages evaluation.
1994-1996	Member of the executive team to prepare feasibility studies for the improvement of the productivity of small-scale Egyptian buffalo and other livestock in the El-Beheira Governorate, through the Egyptian Government with support of the technical Unit of the Italian Embassy in Cairo and other Italian institutions.
1988-1992	Member of executive research team for improvement of buffalo reproduction in the Buffalo Research Department of Animal Production Research Institute/Egypt, supported by National Agriculture Research Project (USAID).
1985-1995	Working in the Buffalo Research Department in the institute to record and analyse data for 6 experimental farms and put them into monthly report to monitor productive and reproductive performance of buffalo herds belong to the Department, and research planning for the department.
1984 - 1985	Member of the executive team as livestock officer of the National Project for Veal Development. The task of team was to obtain 3,500 buffalo calves at age 6 months (150-200 kg) from small farmers in the Assiut governorate and send them to participating farms for fattening. The aim was to promote small holders not to sell buffalo calves for slaughter at early age (45 days). The project operated at different levels within Ministry of Agriculture, governorates, districts, villages and finally at the level of the individual small farmers.
1992 - Present	Published 35 scientific papers in international and national journals and conferences.
1995 -present	Judging of numerous scientific papers in scientific journals and scientific conferences. In addition, supervision of the many of the M.Sc. and PhD theses.
<i>Overseas Tours</i>	
1995	Study tour to Kenya with Egyptian dairy husbandry staff, 6-17 November 1995, in particular to study the activities of the national dairy development project was launched in 1980 between the Government of Kenya and the Netherlands. The project was aimed to support smallholder dairy development in Kenya. The study programme focused on, the dairy production systems; farmer's organisations, extension methods; farm planning and extension at farm level.
2003	Participating in the 6th International Livestock Farming Systems Symposium / entitled "Product quality bases on local resources and its potential contribution to improved sustainability" /26-29th August 2003 Benevento, Italy.
2004 - 2005	Attended the international course on "sustainable agriculture in the countries with Mediterranean climate/ Agro-Ecosystem Module / livestock in Context of Agro-Ecosystem", Mediterranean agronomic institute of Bari / Italy (CIHEAM) - November/2004 - July/2005".
2007	Attended the regional workshop on the implementation of the farming systems survey, 22-24 October 2007 in Entebbe, Uganda; supported by FAO project

	GCP/INT/945/ITA "Nile Basin Information Products / information products for Nile basin water resources management".
2009	Attended the advanced course on "Evaluation and Prospective Analysis of Ruminant Production Systems", Mediterranean Agronomic Institute of Zaragoza / Spain (CIHEAM), 23-27 February 2009.
2009	Attended the advanced course on "Animal production and environmental management" Mediterranean Agronomic Institute of Zaragoza / Spain (CIHEAM), 25- 30 May, 2009.
2013	Attended workshop on "Stakeholders' consultation retreat to initiate the formulation of AU-IBAR strategic plan 2014-2017 and continental strategy and programme for the Development of Livestock in Africa 12-14 June 2013, Naivasha, Kenya.
2015	Attended workshop on "Data Collection and Analysis" 18-23 January 2015, Naivasha, Kenya. African Union (AU) - Interafrican Bureau Animal Resources (IBAR).
2015	Attended regional workshop on " <i>Development of National Strategies and Action Plans for Animal Genetic Resources (AnGR) in Africa</i> " Tunis, Tunisia 10 – 15 August 2015. African Union (AU) - Interafrican Bureau Animal Resources (IBAR).
Practical Experience	
✓ Diagnostic surveys project planning, preparation and implementation.	
✓ Monitoring and evaluation for projects and programmes in public sector.	
✓ Formulation of the contents of extension material, design the shape and the layout of the material, assist extension staff to train in the village and to give extension to farmers.	
✓ Technical Packages evaluation in the animal production sector.	
✓ Farm planning, feasibility studies for livestock farms and technical packages.	
✓ Coordinator of working teams (cooperating and coordinating with different disciplines and personnel's from any part of world).	
✓ Computer and Internet skills (Familiar with relevant word processing and spread sheet programmes under windows).	
✓ Conducting research work and experimental design analysis its results and put them into a simple form to be easily transferred to farmers.	
✓ Monitoring the performance of dairy farms, especially small & medium scale.	
✓ Teaching and practical training for dairy farmers and livestock extension personnel in training centres.	
✓ Dealing with E-Learning and Distance learning.	
✓ Develop and improve the environmental conditions in the rural areas by coordinating the different activities.	
List of publication	
1- A. H. Barkawi, Laila H. Bedeir and <i>M. A. El-Wardani</i> (1992). Oestrous behaviour of buffaloes in relation to herd size. Proceedings of International Symposium on buffaloes Production in the Mediterranean / Middle East, Cairo, Egypt, 9-12 Nov., pp.378-380	
2- A. H. Barkawi, Laila H. Bedeir and <i>M. A. El-Wardani</i> (1993). Sexual behaviour of Egyptian buffaloes in post-partum period. Buffalo J., 9(3): 225-236.	
3- A. H. Barkawi, R. M. Kattab, Enaam M. Mokhless and <i>M. A. El-Wardani</i> (1996). Patterns of ovarian activity influencing calving interval of Egyptian buffaloes in relation to season of calving. Bulgarian Journal of Agricultural Science, 2(1): 49-53. Proceedings of International Symposium on Buffalo Reproduction, Sofia, Bulgaria, October 9-8, 1995.	

4- A. H. Barkawi, <i>M. A. El-Wardani</i> and R. M. Kattab (1997). Post-partum oestrous behaviour and related phenomena of Egyptian buffaloes in relation to season of calving. Proceedings of the 5 th World Buffalo Congress, Royal Palace, Caserta, Italy, October 13-16, pp. 710-715.
5- A. H. Barkawi, R. M. Kattab and <i>M. A. El-Wardani</i> (1998). Reproductive efficiency of Egyptian buffaloes in relation to oestrous detection systems. <i>Animal Reproduction Science</i> , 51: 225-231.
6- <i>M.A.El-Wardani</i> , Enaam M. Mokhless and A. H. Barkawi (1998). Effect of bull exposure system on post-partum reproductive performance of hot season buffalo calves. <i>Egyptian J. Anim. Prod.</i> 35, Suppl. Issue: 533-541. Proceedings of The 10 th Conference of the Egyptian Society of Animal Production, Assiut, Egypt, 13-15 December 1998.
7- S.A.M. Selim, <i>M. A. El-Wardani</i> and E. R. H. Attia (1998). Histopathological and microbiological studies on infertility problem among buffaloes in breeding station in Egypt. <i>J. Egypt. Vet. Med. Ass.</i> 58(4): 591-610.
8- A. H. Barkawi, A. M. Ahmed, <i>M. A. El-Wardani</i> , Amal K. El-Asheeri and M.K. Hamed (1999). Effect of heat detection regime on the cost of days open and longevity of buffaloes. <i>Egyptian J. Anim. Prod.</i> 36 (2): 83-91.
9- <i>M.A. El-Wardani</i> and Amal K. El-Asheeri (2000). Influence of season and number of heat checks on detecting of ovulatory oestrous in Egyptian buffaloes. <i>Egyptian J. Anim. Prod.</i> 37 (1): 1- 8.
10- <i>M. A. El-Wardani</i> , H. Almahdy, A. S. Tabana and M. K. Hathout (2000). Reproductive performance of the baladi cows and buffaloes under traditional management system in Egyptian smallholdings. Proceedings of Conference of Animal Production in the 21st Century: Challenges and Prospects. Sakha, Kafer El-Sheikh, Egypt, April 18-20, pp 325-333.
11- M. B. Aboul-Ela, <i>M. A. El-Wardani</i> and H. Almahdy (2000). Characterization of management practices of buffaloes raised under traditional conditions of smallholdings. Proceedings of Conference of Animal Production in the 21st Century: Challenges and Prospects. Sakha, Kafer El-Sheikh, Egypt, April 18-20, pp 335-344.
12- A. M. Ahmed, U.M.El-Saied, Amal K. El-Asheeri, <i>M. A. El-Wardani</i> , and A. H. Barkawi, (2000). Effect of frequency of heat detection regime in buffaloes on length of service period and herd profitability. <i>Egyptian J. Anim. Prod.</i> 37 (2) : 67-76.
13- F. A. Khalil, E. B. Abdalla, <i>M.A.El-Wardani</i> and Mona H. Mohamed (2002). Diurnal and seasonal variations of oestrous behaviour in Egyptian buffaloes. <i>J. Agric. Sci. Mansoura Univ.</i> , 27 (3): 1417-1426.
14- Karima F.Mahrous, <i>M.A. El-Wardani</i> , M.S. Hassanane (2002). Chromosomal abnormalities in infertile buffalo with special focus on fragile sites. <i>Egyptian J. Anim. Prod</i> , 39(2): 75-85.
15- F. A. Khalil, E. B. Abdalla, <i>M.A.El-Wardani</i> and Mona H. Mohamed (2003). Male effect on oestrous behavior, estrous cycle length and plasma progesterone concentration in Egyptian buffaloes. <i>Egyptian Soc. Anim. Reprod. Fert. Fifteenth Annual Congr. Quena and Luxor</i> , Egypt, January, 26-30, pp 29.
16- <i>M. A. El-Wardani</i> , T. H. Shalaby and F. El-Keraby (2003). Herd dynamics of medium scale dairy farms under mixed farming system in the Nile delta region. Six International Livestock Farming Systems Symposium Product quality bases on local resources and its potential contribution to improved sustainability, Benevento, Italy, August 26-29.
17- Aida, S. Salam, Laila, M. B. Aboul-Ela, R. Hassan, and <i>M. A. El-Wardani</i> (2004). Effect of somatotropin on manufacture properties and quality of soft cheese in Egyptian buffaloes. <i>J. Agric. Sci. Mansoura Univ.</i> , 29 (1): 281-288.
18- <i>M.A. El-Wardani</i> and El-Sayes, M. F (2004). Dairy farms characteristics under mixed farming system in Ismailia governorate in Egypt. <i>Egyptian J. Anim. Prod.</i> , Suppl. Issue: Proceedings of The 13 th Conference of the Egyptian Society of Animal Production, Mansoura, Egypt, 29 Nov.- 1Dec.

19-T.H.Shalaby, M. A. El-Wardani , H.B.Sammour, M.A.Khalil, A.M.Ahmed and M.F.El-Sayes (2005). Economic study of different types of dairy cattle under mixed farming system in Egypt. Proceeding of 2 nd Conference of Animal Production Research Institute and Regional Symposium on Buffalo Production. Sakha, Kafr Elsheikh, Egypt, Sep. 27-29.
20- M.A.Khaleil; T.H.Shalaby; M. A. El-Wardani and M.M.Ismail (2005). The use of simulation models to increase farm income under mixed farming system. Proceeding of 2 nd Conference of Animal Production Research Institute and Regional Symposium on Buffalo Production. Sakha, Kafr El-Sheikh, Egypt, Sept. 27-29.
21- M.A. El-Wardani , M.I. El-Ashmawy, M.A. Khalil, Y.A. Abdel-Aziz and M.F. El-sayes (2005). Feed planning system as integrated package to improve mixed farming system. Proceeding of 2 nd Conference of Animal Production Research Institute and Regional Symposium on Buffalo Production. Sakha, Kafr Elsheikh, Egypt, Sep. 27-29.
22- M. B. Aboul-Ela, Laila, R. Hassan, and M. A. El-Wardani (2005). Effect of recombinant bovine somatotropin on yield and composition of milk in Egyptian buffaloes. J. Agric. Sci. Mansoura Univ., 30 (4):1909-1916.
24- M. A. El-Wardani , F. A. Khalil, E. B. Abdalla, and Mona H. Mohamed (2005). Influence of bull exposure on sexual behaviour in Egyptian buffaloes. Journal of Buffalo Science and Technique, 3: 66-74.
25- Mohamed, Mona, H.; F. A. Khalil, E. B. Abdalla, Mohamed and M. A. El-Wardani (2006). Estrous synchronization in Egyptian buffaloes and its relation to the estrous behaviour. Research Bulletin, Ain Shams University, 2006.
26- El-Ashmawy, M. M., H. B. Sammour, M. A. Khalil, M. A. El-Wardani and Y. A. Abdel-Aziz (2006). Comparative technical and economical study for dairy farming systems in west delta region. Proceedings of The 13 th Conference of the Egyptian Society of Animal Production, Cairo, Egypt, 10-11 December, 2006.
27- Sammour, H.B, M. A. Khalil, M.I. El-Ashmawy and M. A. El-Wardani (2007) . An economic and technical study of the effect of using some feeding packages in dairy cattle rations in Behaira Governorate. Egyptian Journal of Agricultural Economics, 17 (1): 175-200.
28- M.A.Khalil; M.I. El-Ashmawy; U.M.El-Saied and M. A. El-Wardani (2007). Dissemination constrains of technical packages in dairy farms in Upper Egypt. J. Agric. Sci. Mansoura Univ., 32 (10): 8113-8124.
29- M. A. El-Wardani , Y.A. Abdel-Aziz, Amal. S. Omar, A.H. Abdel-maged and O.M.Zatter (2008). Characterization of rural poultry production systems in Fayoum governorate of Egypt. Proceedings of the 14 th Conference of the Egyptian Society of Animal Production, Cairo, Egypt, Dec. 16-17.
30- Y.A.A.Abdel-Aziz, H.B.Sammour, O.M. Zatter, M.A.El-wardani and Amal.S.Omar (2008). Economic Analysis of Two low-input Predominant Poultry Production Systems in the Rural Sector of Fayoum Governorate. Proceedings of the 14 th Conference of the Egyptian Society of Animal Production, Cairo, Egypt, Dec. 16-17.
31- Zatter, O. M., M. A. El-wardani , Y. A. Abdel-Aziz, H.B. Sammour, A. H. Abdel-Megeed and Amal S. Omar (2009). The impact of poultry production systems on the economic efficiency of production prevailing in the rural sector, "A case study in Fayoum Governorate" <i>J.Agric. Sci. Mansoura Univ.</i> , 34(4): 2683-2706.
32- M.M.I. El-Ashmawy, M.A. Khalil, M.A. El-Wardani and S. Afify (2011). Sheep and goat production characterization under mixed farming system in the desert coast of north west – Egypt. Egyptian j. Animal Prod. 48, suppl issue, April 2011.
33- Zatter, O. M., Faten F. Abou-Amwou and M. A. El-wardani (2011). Productivity and economic efficiency of broiler chickens municipal enhanced SASO, "A case study OF Gharbia Governorate". Egypt. Poult. Sci. Vol (31) No.(III): (579-612).
34- Khalil, M.A., H.B. Sammour and M.A. El-Wardani (2012). Socio-economic aspects for sheep and goat production characterization in North West coast- Egypt. The 3 th Scientific Conference of the Egyptian society of sheep and goat, sharm El shakh, Egypt, 2012.

35- Amal S. Omar, Y. A. Abdel-Aziz, O. M. Zatter, *M. A. El-wardani*, A. H. Abdel-Megeed and H.B. Sammour, (2012). Diagnostic survey on waterfowl production systems under rural conditions in Fayoum Governorate. 3rd Mediterranean Poultry Summit and 6th International Poultry Conference, 26-29 March, 2012, Porto Marina, Alexandria, Egypt.