

CURRICULUM VITAE

NAME: SAMIR AHMAD ALI
PRESENT JOB: Professor of Agricultural Engineering
Agricultural Engineering Department,
Faculty of Agriculture, Banha University,
P.O. Box 13736, Toukh, Kaliobia, Egypt

ACADEMIC QUALIFICATIONS:
B.Sc. (June 1988)
M.Sc. (July 1993)
Ph.D. (September 1999)
Agricultural Engineering Department,
Benha University, Faculty of Agriculture,
Toukh, Kaliobia, Egypt

LANGUAGES : Arabic, English

POSITION HELD:
1988-1993 Demonstrator
1993-1999 Assistant Lecturer
1999- 2006 Lecturer
2006- 2013 Associate Professor
2013- present Professor
Agricultural Engineering Department,
Banha University, Faculty of Agriculture,
Toukh, Kaliobia, Egypt

Agricultural Engineering Department,
Benha University, Faculty of Agriculture,
Toukh, Kaliobia, Egypt

SPECIAL SKILLS

- Microsoft Certified Technology Specialist (MCTS)
- Microsoft Certified System Engineer (MCSE)
- Professional of Data Base Access and SQL.
- Computer SofteWare Application Programming Including:
 - MicroSoft Office 2007.
 - Autocad 2008.
- Computer Systems (Windows XP, 2003)
- Computer HardWare.

TRAINING

- COMPUTER INTRODUCTION, BASIC LANGUAGE, THEORETICAL AND APPLIED WINDOWS AND ITS APPLICATION, during the period of 30th September to 21th December 1989, Zagazig University.
- FACULTY STAFF PREPARATION COURSE, during the period of March 10-21, 1990, Zagazig University.
- ENGLISH LANGUAGE COURSE, from 11th December 1993 to 8th May 1994. AT AIN SHAMS UNIVERSITY.
- Training Program "LASER LAND LEVELLING" the Engineering Group company, from 20th December 1993 to 4th January 1994.
- Training Program "IMPROVING AQUACULTURE PRODUCTIVITY IN EGYPT". International Center for Living Aquatic Resources Management Regional Research Center (ICLARM) and Arab Organization for Agricultural Development, during the period of 6th November to 11th November 1999.
- Training Program "SURFACE IRRIGATION, MODELLING AND NEW TECHNOLOGY TRAINING COURSE" during the project at the U.S. Water Conservation Lab., Phoenix, AZ., USA during April, 1995.

WORK EXPERIENCE:

- Participated in a research project titled "**Micro-irrigation technology for clay soil**" during the period of 1993 to 1995.
- Member of team research project titled "**Modeling the influence of precision land leveling on surface irrigation performance**" during the period of 1992 to 1996. It was a joint project with U.S. water conservation lab., Phoenix, AZ. And was fully sponsored by the National Agric. Research Program, Agric. Res. Center, Egypt.
- Member of team research project titled "**The use of expert system to simulate the mechanized Egyptian Agriculture**" during the period of 1998 to 2001.
- Attended all the conferences of the Egyptian Society of Agric. Engineering from 1999 – 2007.
- Supervising the construction and building some of the greenhouses that were built at my Fac. of Agric. At Moshtohor, Benha University.
- Surveying and land levelling of some areas at the Egyptian Desert for some private farms.
- According to my study I designed a semi-intensive for tilapia production. The system is constructed in a 35m long by 14m wide to produce 24 tone of fish annually.
- Sekem Group Consultant for Organic Fertilizers.
- Director of Hybrid Solar Dryer, Heliopolis Academy (Sekem Group).
- Programming of some Simulation Models
- Programming of some Expert System

PUBLICATIONS:

- Ali, S.A.** and Z.A. El-Haddad. (1999). Simulation Model for Intensive Fish Farming, Misr Journal of Agricultural Engineering. Special Issue, 7th Conference of Misr Society of Agricultural Engineering, 27-28 October.
- El-Ansary, M.Y., Z.A. El-Haddad and **S.A. Ali**. (1995). Effect of Seedbed-Planting System on Wheat Crop Yield and on its Harvesting Machines Performance, Misr Journal of Agricultural Engineering (MSAE), 12 (1): 15-26.
- El-Haddad, Z.A., M.Y. El-Ansary and **S.A. Ali**. (1995). Cost-Benefit Study for Wheat Crop Production under Integrated Mechanization Systems, Misr Journal of Agricultural Engineering (MSAE), 12 (1): 27-35.
- Bahnasawy, A.H., **S.A. Ali**. and Z.A. El Haddad. (2001). Evaluation of a simple locally designed evaporative cooler for Rabbit barns. Presented at the Arab-African Conference for Refrigeration and Air Conditioning, Held at Al-Gezera Sheraton, Cairo, Egypt, during the period of 29th of April to 1st May. pp 139.
- Afify, M.T., A.H. Bahnasawy and **S.A. Ali**. (2002). Effect of Rice Straw Picking up Method on the Performance of a Rectangular Baler. Misr Journal of Agricultural Engineering (MSAE), 22 (2): 389-403.
- Ali, S.A.** (2003). Utilization of Leaky Pipes as a Diffused-Air Aeration System for Aquaculture. The 11th Annual Conference of Misr Journal of Agricultural Engineering (MSAE), 15-16 October 2003: 975-985.
- Ali, S.A.** (2006). Simulation Model for Aquaculture Pond Heat Balance: I-Model Development. Misr Journal of Agricultural Engineering (MSAE), 23(1): 232-258.
- Ali, S.A.** (2006). Simulation Model for Aquaculture Pond Heat Balance: II-Model Evaluation and Application. Misr Journal of Agricultural Engineering (MSAE), 23(1):259-273.
- Ali, S.A.** (2006). Study on Airlift Pump as a Pumping and Aeration System in Aquaculture. Misr Journal of Agricultural Engineering (MSAE), 23(1):274-291.
- Ali, S.A.,** Z.A. El-Haddad and A. Ghareib. (2006). Design and Management of El-Nenacia Fish Farm: as a Recirculating Aquaculture System. Misr Journal of Agricultural Engineering (MSAE), 23(2): 376-395.
- Ali, S.A.,** Z.A. El-Haddad and A. Ghareib. (2006). Design of a Rotating Biological Contactor in a Recirculating Aquaculture System. Misr Journal of Agricultural Engineering (MSAE), 23(2): 301-315.
- Ali, S.A.** 2012. Design and evaluate a Drum Screen Filter Driven by undershot Waterwheel for Aquaculture recirculating systems. Aquacultural Engineering, in press.
- Ali, S.A. 2012. Modeling of Solar Radiation Available at Different Orientations of Greenhouses. Misr Journal of Agricultural Engineering (MSAE), 29 (3): 1181-1196.
- Ali, S.A.** 2012. Dissolved oxygen mass balance in aquaculture pond. Misr Journal of Agricultural Engineering (MSAE), 29 (4): 1621-1644.
- Ali, S.A.** 2012. A Techno-Financial Analysis of Tilapia Production in the Recirculating Aquaculture Systems. Misr Journal of Agricultural Engineering (MSAE), 29 (4): 1583-1602.
- El-Ghozoli, M.A., **Ali, S.A.** and El-Sayed, G.A.M. 2008. Comparison study between static pile and turned windrow methods for compost production. Annals of Agricultural Sciences, Moshtohor, 46 (3): 13-25.

- Ali, S.A.** and Bahnasawy, A.H. 2011. Development of a Simulation Model for the Hybrid Solar Dryers as Alternative Sustainable Drying System for Herbal and Medicinal Plants. Proceedings of the 6th CIGR Section VI International Symposium “Towards a Sustainable Food Chain” Food Process, Bioprocessing and Food Quality Management, Nantes, France - April 18-20, 2011.
- Ali, S.A.** and Bahnasawy, A.H. 2011. Decision Support System for Technical Management of Food Processing Industries, ICICIS, pp.20-24, 2011 International Conference on Internet Computing and Information Services.
- Ashour, T., Bahnasawy, A.H. and **Ali, S.A.** 2010. Absorption And Desorption Behavior Of Some Clay-Sandy Plasters Reinforced With Natural Fibers Used For Straw Bale Buildings. Misr Journal of Agricultural Engineering (MSAE), 27(2):699-717.
- Abd-El Baky, H.M., **Ali, S.A.**, El-Haddad, Z.A. and El-Ansary, M.Y. 2010. Some environmental parameters affecting sweet pepper growth and productivity under different greenhouse forms in hot and humid climatic conditions. Journal of Soil Sciences and Agricultural Engineering, 1 (3): 225-247.
- El-Ghobashy, H., Bahnasawy, A.H., **Ali, S.A.**, Afify, M.T. and Emara, Z. 2012. Development and Evaluation of an Onion Peeling Machine. Misr Journal of Agricultural Engineering (MSAE), 27(1):663-682.

AWARDS:

KISHIDA AWARD For SCIENTIFIC SUPERIORITY, Given by MISR (EGYPT) SOCIETY OF AGRICULTURAL ENGINEERING; 1999.

SOCIETIES AND ORGANIZATION:

- Member of the Egyptian Aquaculture Society (EAS).
- Member of the Aquacultural Engineering Society (AES).
- Member of the Egyptian Society of Agricultural Engineering (MSAE).

PERSONAL:

Date of Birth: August 8, 1966
 Place of Birth: Egypt
 Citizenship: Egyptian
 Sex: Male
 Health: Excellent
 Family Status: Married
 Children: Five (Girl + 4 Boys)

HOME ADDRESS: Kafr El-Haddadein, Toukh, Kaliobia, Egypt.

CONTACT:

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