

CURRICULUM VITAE



Personal information

Name : Mohamed Abul-Soud Mohamed
Date of Birth : 16 / 12 / 1971
Place of birth : Cairo, Egypt
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Employer information

Employer : Central Laboratory of Agricultural Climate (CLAC),
Agriculture Research Center, Agriculture Ministry.
Position : Senior Researcher (Head of Soilless Culture Dept.)
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Education and postgraduate studies information

- 1 - Bachelor of Agriculture – Horticulture Department. 1989 - 1993, with very good grade. Agriculture Fac., Ain Shams University.
- 2 - Master science of Horticulture “ Vegetable ” 1994-1999 Agriculture Fac., Ain Shams University.
- 3 - Doctor of philosophy in Horticulture science “ Vegetable ” 1999-2005 under title (STUDIES ON PRODUCING CUCUMBER BY USING ORGANIC SOILLESS CULTURE SYSTEMS), Agriculture Fac., Ain Shams University.

Research & Development Activities

1. Teaching the modern green roof system in 6 training courses (2013) organized by central administration for training, Agricultural Ministry) and CLAC.
2. **National consultant** (Mainstream the outputs of MDGF projects and provide tools for strategic decisions in relation the adaptation to Climate Change in the Egyptian Agricultural sector), FAO, 2012.

3. **Principal Investigator** of Integrated environmental management of urban organic wastes using vermicomposting and green roof (VCGR) project, 2010 – 2013.
4. **Co- Principal Investigator** of Impacts and Adaptations of Climate Change (Sea-level rise) on Agricultural production under Egyptian conditions (IACCAPE) project, 2010 – 2013.
5. **Member of research team of the commercial production of potato seed locally by using soilless culture systems**, 2008 – 2009.
6. **Master trainer** for tomato production under Euro-GAP, 2009 to 2011. ACDI/VOCA, Egypt.
7. Participate in the preparation of "Producing Vegetables from Roof Garden" pamphlet in Arabic (2008).
8. Teaching plant nutrition and fertilizer use in 12 training courses of producing vegetables from Roof Garden held different NGOs, Egypt.
9. Teaching plant nutrition and fertilizer use in 6 training courses of producing vegetables from Roof Garden held CLAC, Cairo, Egypt.
10. Teaching plant nutrition and fertilizer use in 4 training courses of producing vegetables from Roof Garden held in Agriculture Fac. Ain Shams univ. Cairo, Egypt.
11. Teaching plant protection and integrated pest management in 8 training courses of producing vegetables from Roof Garden held in Agriculture Fac. Ain Shams univ. and CLAC, Cairo, Egypt.
12. Teaching in 20 training courses of producing vegetables from Roof Garden held in Cairo, Fayom, Menya, Assuit, Behaira, Kaliopia governrates by Agricultural and irrigation workers union, Egypt.
13. Teaching plant nutrition and fertilizer use in 4 training courses of producing vegetables from Roof Garden held in Higher Institute for Agriculture Co-Operation, Cairo, Egypt.
14. Teaching plant nutrition and fertilizer use in 6 training courses of Green Food from Green Roofs (GFGR) in Urban and Pri-Urban Environment in Egypt (TCP/EGY/0166) project held in Alexandria, Egypt.
15. Teaching plant nutrition and fertilizer use in 7 training courses of Green Food from Green Roofs (GFGR) in Urban and Pri-Urban Environment in Egypt (TCP/EGY/0166) project held in Cairo, Egypt.
16. **National consultant** in Green Food from Green Roofs (GFGR) in Urban and Peri-urban Environments in Egypt TCP/EGY/0166(A), FAO, UN. From May 2002 to December 2003.
17. Member of research team of tomato and cantaloupe production 1996-1997
18. Member of research team of water fertility management for subsurface drip irrigated wheat and faba bean 1996 - 2000.

19. **Member of research** team of using the hydroponics and aeroponic systems to increase the vegetable production under the protected cultivation 1996-1997.
20. **Member of research** team of cucumber production in hydroponics in North Sinai 1995-1996.
21. **Member of research** team of using organic fertilizers in organic potato cultivation 1995-1996.
22. **Member of research** team of vegetable production in hydroponics in North Sinai 1994-1995.
23. **Member of research** team of using mineral and organic fertilizers in potato cultivation 1994-1995.

Organization

- 1- Member of organization team of Two FAO International Symposiums on green food from green roof during 2002 and 2003
- 2 - Member of organization team of Two FAO national Symposiums on green food from green roof during 2002 and 2003.
- 3 – Member of management team of protected cultivation farm of El-Bossily, Behira Gov. Egypt, 1999 – 2008.

Training programs

1. Protected cultivation course held in the protected cultivation unit, Ministry of Agriculture (MOALR), UNDP-FAO, October 1993
2. Practice training on management of vegetable farms, Norway, June – August 1995
3. Marketing course held in Ain Shams Univ., Cairo- Egypt. 11-15 Nov. 1996
4. Vegetable production in hydroponics course that held in North Sinai, Egypt, 10-15 June, 96
5. Water requirement for vegetable crops training course held in (ALARU), Ain Shams Univ. Cairo, 6-18 December, 1997
6. Practice training and research on substrate culture in NAGRIF inst. Thessaloniki , Greece, Jan. – July, 2000
7. Practice work on modern technology of greenhouses in Geothermiki Co. Thessaloniki , Greece, Jan. – July, 2000
8. Advanced course on "Seasonal weather information for sustainable agricultural management in the Mediterranean region" organized by Mediterranean agronomic institute of Zaragoza (CIHEAM-IMAZ) and Central Laboratory of Agricultural climate (CLAC), Cairo, Egypt. Held in (CLAC), January 19-23, 2002.
9. Advanced course on "Early warning and Food security" organized by COMESA. Held in International Center of Agriculture, 17 – 29 April 2007.

10. Training course on " Urban Horticulture and Vegetable Safety", 10 Oct. – 18 Nov. 2008, Beijing Vegetable Research Center (BVRC), Beijing, China.
11. Seminar on dry land farming and saving water technology management for African countries, 5 – 25 August 2010, National agriculture technology extension and service center, Beijing, China.
12. Training course on "On farm irrigation extension", 28th February-17th March, Agricultural Research center, Giza, Egypt.
13. International training workshop on water saving irrigation of arid and semi-arid areas in the developing countries, 5th July – 1st August 2011, Yangling, China.
14. Training course on organic culture, 1st September – 2nd October 2012, Bari, Italy.

Experiences

Good Agricultural practices on:

- 1 – Soilless culture
- 2 – Composting & Vermicomposting technologies
- 3 – Green roof
- 4 – Protected cultivation
- 5 – Sustainable agriculture & Organic culture
- 6 – Nutrient management and fertilizer use
- 7 – Identification of landraces of vegetables (morphological & genetics)

Computer Skills

Windows Xp & MS Office Application, ARC Gis 8 & 9, and internet skills.

International meetings

- 1 - ISHS International Symposium on Strategies for Market Oriented Greenhouse Production, 11-15 March 1995, Alexandria, Egypt.
- 2 - ISHS International Symposium on substrate and organic matter. June 2001, Cairo, Egypt
- 3 – Two FAO International Symposiums on green food from green roof During 2002 and 2003.
- 4 - International Conference on Climatic Changes and their Impacts on Coastal Zones and River Deltas, March 2007, Alexandria, Egypt.
- 5 - The 1st International Conference on Environmental Studies and Research " Natural Resources & Sustainable Development", Sadat City, Egypt, 7 – 9 April 2008.

6 - Ninth International Conference on Dry land Development, Sustainable Development in the Dry Land, Meeting the Challenge of Global Climate Change, Alexandria, Egypt 7 – 10 Nov. 2008.

7- The seventh international conference of organic agriculture, Agriculture Research Center, 13-15 December 2009.

National meetings

- 1- Two national workshops on green food from green roof during 2002 and 2003.
- 2- Three national workshops on Climate change impacts (SLR) on agriculture sector, FAO, organized by CLAC, 2012.

Publications

1. **A.F. Abou Hadid, E. M. Abdel Moniem, M. Z. Al-Shinawy and M. Abou El-Soud; 1995.** Electrical Conductivity Effect on Growth and Minerals Composition of Lettuce Plants in Hydroponic System, Acta Hort., No. 434, 59-66.
2. **U.A.El-Behairy, M.A.Medany, I.S.S. Benjamien, M. Abou El-Soud and A.F. Abou Hadid; 2000.** Collection of Rain Water from Plastic House and its Utilization for Tomato Production in North Sinai, Egypt. J. Hort., 27, No. 3, 349 – 362.
3. **M. Abul-Soud, E. Maloupa,U.A.El-Behairy and A.F. Abou Hadid; 2002.** Preliminary comparative study of pumice and perlite in cucumber substrate culture, Acta Hort.
4. **M.Abul-Soud, M. A. Abdrabbo, A.A. Farag , M.A. Medany; 2007.** The impact of Climate Changes on Wheat Production under Egyptian Conditions. International Conference on Climatic Changes and their Impacts on Coastal Zones and River Deltas, March 2007, Alexandria, Egypt.
5. **M.Abul-Soud, M. A. Abdrabbo, A.A. Farag , M.A. Medany; 2007.** Validation of Crop-Weather Models of Wheat in Egypt. International Conference on Climatic Changes and their Impacts on Coastal Zones and River Deltas, March 2007, Alexandria, Egypt.
6. **M. Abul-Soud, M.A.Medany,U.A.El-Behairy and A.F. Abou Hadid; 2008.** Effect of using chicken manure for cucumber production in sand culture. Egypt. J. of Appl.Sci., 23 (7), 272-285.
7. **M. Abul-Soud, M.A.Medany,U.A.El-Behairy and A.F. Abou Hadid; 2008.** Effect of different nutrient solution sources and substrates on the growth and yield of cucumber. Journal Egyptian of Horticulture.
8. **M Abul-Soud,, A. A. M. Esmail and M. K. K. Hassanein; 2008.** Composting different organic farm wastes and their effects on growth and yield of cucumber in sandy soil. The 1st International

Conference on Environmental Studies and Research " Natural Resources & Sustainable Development", Sadat City, Egypt, 7 – 9 April 2008.

9. **Abul-Soud M., M. Medany, M. K. Hassanein and Sh. Abul-Matty; 2008.** Utilize Vermicompost technique as entrance of sustainable agriculture, Ninth International Conference on Dry land Development, Sustainable Development in the Dry Land, Meeting the Challenge of Global Climate Change, Alexandria, Egypt 7 – 10 Nov. 2008.
10. **Abul-Soud M., M. Medany, M. K. Hassanein and Sh. Abul-Matty, A.F. Abu-hadid.** 2008. Case study: Vermiculture and vermicomposting techniques use in sustainable agriculture in Egypt. The seventh international conference of organic agriculture, Cairo, Egypt. *Egypt. J. Appl. Biol. Chem Environ Sci*, 3(1): 389:403.
11. **Abul-Soud M., M. K. Hassanein.** 2010. Effect of Different application methods and plant types on growth and yield of Three Maize Hybrids. *J. Appl. Biol Chem Environ Sci*, 6(9): 1387-1399.
12. **Abul-Soud, M., D.O. El-Beheiry and A.M. Hussein.** 2010. The effect of different cattle manure and mulching on the weeds control and growth and yield of cucumber. *J. Biol. Sci. Res.*, 6(9): 1379-1386.
13. **Abul-Soud¹ M., D. O. El-Beheiry and A. M. Hussein.** 2010. Effect of agricultural residues and mulching on growth and yield of cucumber plants under unheated plastic. *J. Biol Chem Environ Sci*, 5(4): 459-478.
14. **Abul-Soud, M., A. H. Hossain and H. A. El-Behairy.** 2010. Changes of micronutrients content in tomato affected by different N and K levels in nutrient film technique (NFT). *J Biol Chem Environ Sci*, 5(4): 479-495.
15. **Abdrabbo M. A.; A.A. El-Sayed; M. Abul-Soud; Manal M.H. Gad El-Mola; M. Fatma Ali; I. El-Sayed; M. Hashem; M. O. Taqi; W.M.S. El-Desoky; H.H. Shawky and M. K. Hassanein.** 2012. Utilization of Satellite Imagery for Land Use Mapping in Egypt, *World Rural Observations*, 4 (3): 27 - 34.
16. **Abul-Soud M. A., M. Medany and M. A. A. Abdrabbo.** 2012. Comparison among different resources and rates for cucumber production under unheated plastic. *J Biol Chem Environ Sci*, 7(4), 223 – 241.
17. **Abdrabbo M. A.; A. H. Hossain and M. Abul-Soud.** 2013. The Intercropping effect on Peas Production in a House as Adaption Procedure of Climate Change Impact. *World Rural Observations*, 6(1): 1-10.
18. **Abul-Soud M. and A. H. Hossain.** 2013. Influence of vermicompost and plant density on sustainable production of peas. **Under publish.**