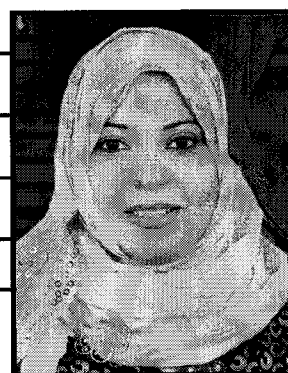


# ***CURRICULUM VITAE***

***Dr. Neveen El-Sayed Metwally***

## ***Personal Information***

<b>Family Name</b>	Metwally
<b>First Name</b>	Neveen
<b>Nationality</b>	Egyptian
<b>Date of birth</b>	December, 5, 1978.
<b>Place of birth</b>	Giza, Egypt
<b>Phone No.</b>	(+2)012-07753279 (+2)01141149037
<b>E-Mail</b>	<a href="mailto:Neveen2000eg@yahoo.com">Neveen2000eg@yahoo.com</a>



## ***Education***

<b>June, 1999</b>	<b><i>Bachelor of Science in Bio-chemistry, Fac. of Agriculture, Cairo University.</i></b>
<b>October, 2005</b>	<b><i>Master of Science in soilless culture, Fac. of Agriculture, Ain Sham University. Titled with: "Studies on carnation production using soilless culture technique under protected cultivation".</i></b>
<b>May, 2010</b>	<b><i>Doctor of Philosophy in soilless culture, Fac. of Agriculture, Ain Sham University. Titled with: "Studies on carnation production using different soilless culture systems "</i></b>

## ***Employment***

- Director of Technical Office, Central Laboratory for Agricultural Climate (CLAC), Agriculture Research Center (ARC) from 30-12-2013 until now.
- International consultant, TCSF, FAO, February 2012.
- Researcher, Soilless culture dep., CLAC, ARC, from August 2010 until now.
- Assistant Researcher, Soilless culture dep., CLAC, ARC, from August, 2007 until July 2010.
- Research assistant, Soilless culture dep., Central Laboratory for Agricultural Climate (CLAC), Agriculture Research Center (ARC) from February, 2000 until June, 2007.

## ***Experiences and field of interest:***

*I worked in the field of soilless culture and hydroponics for more than 13 years, in this period I got different skills related to the following subjects:*

- Design and establish Soilless systems (Substrate culture, Aeroponics and Hydroponics)”
- Urban agriculture.
- Design and establishment of Roof Gardens and micro gardens in cities.
- Environmental aspects of roof top gardens and its effect on reducing global warming and air pollution.
- Cut flower production, Vegetable crops, Medical and aromatic plants production using soilless culture technique.
- Hydroponic green fodder.
- Protected cultivations

## *Languages*

<b>Arabic</b>	Mother language
<b>English</b>	Very Good (writing - conversation)

## *Computer Skills*

Completely fluent the following:

- Windows system.
- Microsoft Office Applications.
- Internet skills.
- Photoshop.
- International Computer Driving License "ICDL".

## *Training courses*

### As a Trainee

- Short course on " Water requirements for vegetable crops", held in El-Bossily station, El-Behaira, Egypt, January 2001.
- The 62<sup>nd</sup> training course of protected cultivation, Protected cultivation project, FAO-UNDP, held in Central Laboratory of Agricultural climatology (CLAC) , Cairo, Egypt, January 2002.
- 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, 19-23 January, 2002.
- Regional training workshop on "soilless culture technologies", Izmir, Turkey. March 3-5, 2004.

- Regional training on “Hortivar program”, Izmir, Turkey, 3 - 5 March, 2004.
- Training course on "Cut flower technology ", Fujian TCDC Institute of Subtropical Flowers, China, from 13/8 until 21/9/2008.
- Training course on "Introduction to application of GIS and remote sensing in agriculture", NARSS, Egypt, 16-25/2/2010.
- Training course on “GIS web application”, NARSS, Egypt, from 14/3 until 1/4/2010.
- Training program on the Economic Agriculture Model in the MWRI by an international consultant: Alexander Mueller , during the period (11-14) June/2012,
- Training course on organic cultivation, Bari Institute , Bari, Italy, 1-30 November,2012.

### As a Trainer

- The 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup>, 13<sup>th</sup> 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 during 2001-2003.
- The 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup>, 12<sup>th</sup> 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 during 2002-2003.
- Training course on “Soilless culture and Hydroponic systems” held in Higher Institute for Agriculture Co-Operation, Cairo, Egypt, July 2003.
- Training course on “Producing vegetables from Roof Gardens” held in Higher Institute for Agriculture Co-Operation, Cairo, Egypt, July 2004.
- Training course on “Roof gardens in Egypt” held in Higher Institute for Agriculture Co-Operation, Cairo, June 2006.

- Training course on “Roof gardens in Egypt”, Higher Institute for Agriculture Co-Operation, Cairo, July 2006.
- Training course on “production of vegetables and ornamental plants from roof gardens”, Sharkia, Egypt, 2004.
- Training course on “Roof gardens and fish production from roofs”, Alexandria, 4-8 February 2005
- 10 training courses on simple roof garden systems for village women, El-Fayoum, Egypt during 2004-2005.
- Training course of vegetables and ornamental plants production from roof gardens, Kafr El-Sheikh, Egypt, September 2005.
- Training course about roof gardens and hydroponics, Bany souif, Egypt, June, 2006.
- 3 training programs on soilless culture as a new agriculture technique held in Higher institute for agricultural co-operation in years of 2001, 2002 and 2003.
- Training course on roof gardens, held in both Cairo and Giza governorates from 2006 - 2008.
- Training course on roof gardens in, held in Sohage, Egypt. February 2008.
- Training program on soilless culture, CLAC, Egypt, July 2008.
- 7 training courses on “the technologies of roof gardens in Egypt” in the period from 2009-2012, CLAC, Egypt.
- 4 training program about climate change and agriculture, central laboratory for agricultural climate, during 2012.
- Roof garden technology for random regions, organized by Save the children organization, 2013.

### ***Scientific projects and Development activities:***

- Member of research team of Green Food from Green Roofs (GFGR) in Urban and Pri-Urban Environment in Egypt project (TCP/EGY/0166) from November 2001 until April 2003.

- General Secretary of the Egyptian Society for Environmental Friendly Agriculture (ESEFA) from 2004.
- Member of research team of Efficient water use through environmentally sound by Hydroponic production of high quality Vegetables for domestic and export markets in Mediterranean countries (Ecoponic) project (TCP/ INT/0165) from 2003 until 2007.
- Member of research team of carnation flowers production using soilless culture technique project from 2008 until 2010.
- Member of research team of geo-information technologies in the Mediterranean (GI@MED) project from 2008 until 2011.

### *Local Meetings and Scientific Conferences*

- Cairo one-day conference of Green Food from Green Roofs (GFGR) project, Egypt, 6th of may 2003.
- Alexandria one-day conference of Green Food from Green Roofs (GFGR) project, Egypt, 8th of may 2003.
- One-day workshop of Green Food from Green Roofs (GFGR) in EGC School for girls in Alexandria, Egypt, 20th of June 2003.
- One-day workshop of Green Food from Green Roofs (GFGR) in El-Zahara School in Cairo, Egypt, 3rd of July 2003.
- One-day workshop of Green Food from Green Roofs (GFGR) in Administration Agriculture office in Port Said, Egypt, 19th of July 2003.
- One-day workshop of Green Food from Green Roofs (GFGR) in National Party, Giza, Egypt, 23rd of July 2003
- One-day workshop of Environmental development for roofs in faculty of Agriculture, Alexandria, Egypt, 27th of July 2003.
- Workshops of "climate change and agriculture", Faculty of Agriculture, Ain Shams university, 2008.

- Special workshop on the role of information technology in agricultural development. Faculty of Agriculture, Ain Shams University, 24 th February, 2008.
- One-day workshop about "Roof Gardens in Egyptian cities" held in Faculty of Medicine, Beni Suef, Egypt, February, 2009.
- Environmental meeting about "Roof Gardens for improve city environment", Held in El-Sawy culture wheel, February, 2009.
- One-day workshop about "Roof Gardens in Egypt" held in Hassan Abu-Bakr School in Shibin Al-Qanater, Qalyubia Governorate, Egypt, March, 2009.
- One-day workshop about "Roof Gardens for reducing Global warming" held in El-Orman Garden, March, 2009.
- The 4th Conference in recent technologies in agriculture "Challenges of Agriculture Modernization", held in Faculty of Agriculture, Cairo University, during period from 3 to 5 November, 2009.
- One-day workshop about: monitoring of climate change risk impacts on groundwater and agriculture in the Nile Delta, December 26, 2011, central laboratory for agricultural climate (CLAC), Giza, Egypt.

### ***International Meetings and Scientific Conferences***

- International Symposium on the horizons of using organic matter and substrates in horticulture, Egypt, 6-9 April, 2002.
- Training workshop of Soilless Culture, Irrigation and Fertigation Management in Protected Agriculture, Arabian Peninsula Regional Program, Cairo, Egypt, 25-29 January 2005.
- Ninth international conference on dry land development: sustainable development in the dry lands- meeting the challenge of global climate change 7 - 10 November 2008, Alexandria, Egypt.

- One-day workshop on the use of micro-gardens for greener cities organized by FAO in co-operation with agriculture research center, October 2010, Cairo, Egypt.
- International Symposium for greener cities in the century of cities, held in Dakar, Senegal, 6-9 December 2010.
- 2<sup>nd</sup> workshop of GI@MED project “Incorporation of Geo-information technologies in agriculture”, Cairo, 10 October 2011, Faculty of Agriculture, Ain Shams university.
- Seminar on increasing capacity on international climate change policy making: key challenges and opportunities of the recent evolutions of the international climate change scene. In the frame work of ClimaSouth: Support for Climate Change Mitigation and Adaptation in the EU Southern Neighbouring countries”, 17 - 18 /2/2014, Brussels, Belgium.

## *Publications*

### *Thesis*

- **Metwally, Neveen;** S.A. El-Gindy; A. F. Abou-Hadid and U. A. El-Behairy. (2005). Studies on carnation production using soilless culture technique under protected cultivation. MS.c thesis, Fac. of Agriculture, Ain Sham University.
- **Metwally, Neveen;** S.A. El-Gindy; A. F. Abou-Hadid and U. A. El-Behairy. (2010). Studies on carnation production using different soilless culture systems. Ph.D thesis. Fac. of Agriculture, Ain Sham University.

### *Scientific Papers*

- El-Behairy, U.A.; M.A. Medany; S. H. Ahmed; **Neveen. E. Metwally** and A. F. Abou-Hadid (2003). Effect of side and level of cultivation on production and quality of strawberry produced by aeroponic system. Acta Hort. 608.



- Abou-Hadid, A. F.; U. A. El-Behairy; **Neveen E. Metwally** and M. S. Aly. (2004). Current situation of soilless culture in Egypt. Regional Training workshop on soilless culture technologies. Izmir, Turkey. March 3-5, 2004.
- **Metwally, Neveen;** S.A. El-Gindy; A. F. Abou-Hadid and U. A. El-Behairy. (2005). Effect of substrate type and irrigation level on carnation production and quality. Egypt. J.Hort.32
- **Metwally, Neveen;** A. Abou-Hadid and U. El-Behairy. 2010. Roof garden in Egypt. International Symposium for go greener cities in the century of cities, Dakar 6-9 December 2010.

### Books

- Roof Gardens in Egypt" book in Arabic, Green Food from Green Roofs in co-operation with FAO, GFGR project, TCP/EGYPT/0166, (2010).
- Carnation production using soilless culture technique: the most economic soilless system for producing carnation with high yield and quality. 2011. LAMBERT academic publishing, ISBN 978-3-8454-4119-1. Germany.

### Pamphlets

- Producing Vegetable crops from Roof Garden, pamphlet (in Arabic), 2003.
- Roof gardens as a new face for city cultivation, pamphlet (in Arabic), 2006.
- Fish production from roof gardens, pamphlet (in Arabic), 2006.
- Producing Vegetable crops from Roof Garden, pamphlet (in Arabic), 2007.
- Second edition of Roof gardens as a new face for city cultivation, pamphlet (in Arabic), 2009.

- Soiless culture as a new face for Egyptian agriculture, pamphlet (in Arabic), 2012.
- Green gardens on roof tops, pamphlet (in Arabic), 2013.
- Roof gardens; how to turn your roof to a fruitful garden, technical paper No.9/ 2014.

### Articles

- Water culture in Egypt. Agricultural magazine, 2002.
- Carnation production in soiless culture, Agricultural magazine, 2004.
- Soiless culture as a new face for Egyptian Agriculture, Agricultural magazine, 2012.

### *Supervision*

- Studies on Gladiolus production using soiless culture technique. Ph.D thesis. Wafaa Rashad Hamed, Cairo university. Since 2012 (on going).
- Studies on fish production in integrated aquaponic system. Ph.D thesis. Amany Abd Elal Glal, Cairo university. Since beginning of 2014 ( on going).

### *Awards*

- Scientific Excellence award from Agriculture Research Centre for the best research paper from Central Laboratory for Agricultural Climate, October, 2013.