

Curriculum Vitae



1. Personal data

Full name Ibrahim Abdel-Aty Ali Abou-Amer
Present position Assistant Professor, Desert Research Centre-Cairo.
Specialization Soils and water, Soil fertility and plant nutrition
Place and date birth 1959/01/18 Tanta – El-ghrbia government
Nationality Egyptian
Current Address El-Awadi St. El-Betach, Agmi , Alexandria,
Arab Republic of Egypt.
Marital status Married and have dependents.

2. Means of communication

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Egypt. B.O.P 11753.
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3. Scientific qualifications

- 3.1. **Ph.D. Agric.** Soil and water Science. "Nutritional status and fertilizer requirements for some fruit trees in Siwa Oasis." Faculty of Agriculture Tanta, Tanta University (2007), Arab Republic of Egypt.
- 3.2. **M.Sc. Agric.** Soil and water Science. "Adsorption of some ions in soil and its agricultural implications." Faculty of Agriculture, (Benha branch), Zagazig University (2002), Arab Republic of Egypt.
- 3.3. **B.Sc. Agric.** Reclamation and cultivation desert soils, excellent with honors, Faculty of Agriculture Cairo, Cairo University (1995), Arab Republic of Egypt.

4. Career progression

- 4.1. **Agricultural engineer.**
El-ghbia Directorate of Agriculture, Tanta, El-ghbia government, Arab Republic of Egypt, during the period from 1995 to 1997, soil and water.
- 4.2. **Research specialist.**
Soils, Water and Environment Research Institute, Agricultural Research Centre, Giza - Arab Republic of Egypt, during the period from 1997 to 1998.

- 4.3. **Assistant researcher.**
Desert Research Center, Cairo - Arab Republic of Egypt, from 1998 to 2002, Division of Water Resources and desert soils, Department of soil fertility and microbiology.
- 4.4. **Researcher assistant.**
Desert Research Center, Cairo - Arab Republic of Egypt, from 2002 to 2007, Division of Water Resources and desert soils, Department of soil fertility and microbiology.
- 4.5. **Researcher.**
Desert Research Center, Cairo - Arab Republic of Egypt, from 2007 to 2014, Division of Water Resources and desert soils, Department of Department of soil fertility and microbiology.
- 4.6. **Assistant professor**
Desert Research Center, Cairo - Arab Republic of Egypt, from 2015 until now, Division of Water Resources and desert soils, Department of soil fertility and microbiology.

5. Areas of research experience

- 5.1. Soil fertility, soil chemistry, Soil physics and plant nutrition.
- 5.2. preparing and processing of nutrients solutions and hydroponic techniques
- 5.3. Laboratory works of soil, plant, and water analyses using the most updated equipment in the respect.
- 5.4. Reclamation and cultivation desert soils and irrigation methods (sprinkler and drip irrigation).
- 5.5. Good assessment of balanced fertilization management for fruit trees and field crops as well as formulating appropriate fertilizer recommendations in the desert areas.
- 5.6. Agricultural farming system including organic farming under rain-fed conditions with supplemental irrigation from water harvesting.
- 5.7. Organic farming especially with the use of Bio fertilizer.
- 5.8. Management of extension and research stations in desert areas.

6. Scientific Activities

6.1. Training courses

- 6.1.1. Training course on "the use and operation of computer" at the Economic Studies Center, Faculty of Agriculture, Cairo University.
- 6.1.2. Advanced training course on "the use and operation of the computer" at the Economic Studies Center, Faculty of Commerce, Cairo University.
- 6.1.3. Advanced training course on "English Language", Faculty of Education, Tanta University.
- 6.1.4. Advanced training course on "the use of the Internet", Faculty of Science, Tanta University.
- 6.1.5. Lecture about the reality of desert Agriculture in Minia University 2nd Conference for Agriculture and Environment Science (Agriculture and Development Scopes) in the period from 22 to 24 March 2010 - Egypt.

6.2. Research projects

- 6.2.1. Evaluation and follow-up of desertification (Northwestern Coast- Northeastern coast - North Delta).

- 6.2.2. National Project for survey and classification of land around the Qattara Depression, the first stage: South East.
- 6.2.3. Survey soil resources in El-Ser and El-Quarer in northern Sinai region
- 6.2.4. Survey and evaluation of soil resources Egyptian Kuwaiti company (26 thousand acres) Ayat Center-Giza government, Egypt
- 6.2.5. Development of local capacities northwestern coast (Matrouh - Brany- Siwa Oasis).
- 6.2.6. Development of some valleys in western North Coast
- 6.2.7. use of safe and sustainable for non-traditional water in the landscaping and fixation of sand dune - Siwa Oasis
- 6.2.8. Promote innovative systems in camel breeding and development of local industries to the area of sustainable regional coast. Across the border cooperation program (ENPI)

6.3. Scientific conferences

- 6.3.1. Conference of Mania University for Agricultural and Environmental Sciences (agriculture and development prospects). March 22 to 24, 2010.
- 6.3.2. Workshop for Alexandria Agricultural Trades Union (water crisis and alternatives in Egypt) - October 2010
- 6.3.3. International Conference for Development of Sinai, Cairo University - 16 to 18 January 2012.
- 6.3.4. Tenth International Conference of Egyptian Soil Society "Fourth International Conference for irrigation field and meteorology" - 5 to 8 November 2012, Alexandria.
- 6.3.5. Eleventh International Conference of the Egyptian Soil Society " climate change and sustainable development of natural resources," - 5 to 7 May 2014, kafr- El-Sheikh .

7. Scientific Publishing

7.1. Research

- 7.1.1. Kamh R.N., **Abou-Amer, I. A.** Ibrahim, M.M. and El-Beshbeshy, T.R. (2010). Effect of balanced fertilization on olive trees grown in Siwa Oasis- Egypt. International conference of soil management and potash fertilizer uses in West Asia and North Africa region, pp. 169-182. Turkey.
- 7.1.2. Ibrahim, M. M. El-Beshbeshy, R. T. Kamh, N. R., and **Abou-Amer, I. A.** (2013). Effect of NPK and bio fertilizer on date palm trees grown in Siwa Oasis- Egypt. British Soc. of Soil Sci., Soil Use and Management. Vol. 29: 315-321.
- 7.1.3. **Abou-Amer, I. A.** and Kamal, M. A. (2011). Growth, yield and nitrogen utilization efficiency of quinoa (chenopodium quinoa) under different rates and methods of nitrogen fertilization. Egypt. J. Agro. Vol.33, No.2, pp. 155-166.
- 7.1.4. **Abou-Amer, I. A.;** M. F. Attia and M. A. Attia (2012). Evaluation of nitrogen application methods to wheat plants grown on Siwa Oasis- Egypt. J. Soil Sci. and Agric. Eng., Mansoura Univ., Vol. 3 (6): 669 – 677.
- 7.1.5. **Abou-Amer, I. A.** (2014). Effect of rates and methods of N application on growth, fruit yield and mineral content of Manzanillo olive trees. Egypt .J. Soil

- Sci. (Accepted)
- 7.1.6. **Abou-Amer, I. A. (2014).** Effect of NP fertilizers on growth and biochemical content of sorghum grown in calcareous soil. Egypt. J. soil Sci. (Accepted)
 - 7.1.7. **Abou-Amer, I. A. (2014).** Effect of P and K on fruit yield and mineral content of peach trees irrigated with magnetized water. J. Soil Sci. and Agric. Eng., Mansoura Univ., Vol. 5 (3): 327 – 338.
 - 7.1.8. **Abou-Amer, I. A. and Kewan K. Z (2014).** Effect of NP fertilization levels on sorghum yield (*Sorghum bicolor L.*) and fodder quality for animals. Alex. J. of Agri. Ress. Vol. 59, No. 1, pp.51-59.
 - 7.1.9. **Abou-Amer, A. I. and Ibrahim, S. M. (2014).** Response of Zaghloul date palm grown on calcareous soil to different sources of organic fertilization. Soil Sci. and Agric. Eng., Mansoura Univ., Vol. 5 (5):631 –644.
 - 7.1.10. **Abou-Amer, A. I. and Hesham F. El-Tayeb (2014).** Effect of some potassium sources on growth and mineral content of Moringa seedlings (*Moringa oleifera*). Egypt .J. of Appl. Sci., Vol. 29 No. (6): 463-474.
 - 7.1.11. **Abou-Amer, A. I., Hassan A. Fawy and Abdel wahab, M.A.S. (2014).** Effect of mineral fertilization and plant density on faba bean (*Vicia faba*) production in Siwa Oasis. Alex. J. of Agri. Ress. Vol. 59, No. 1, pp.19-26.
- 7.2. **Non-research**
 - 7.2.1. Publishing (30) scientific paper dealing problems of desert soils, water and fertilization - website. <http://kenanaonline.com/Abou-Amer>
 - 7.2.2. Water quality for irrigation - water Journal. <http://www.almyah.net/mag/articles.php?action=show&id=299>

8. Professional and social affiliation

- 8.1. Member of the Egyptian Soil of Science Society (ESSS), Arab Republic of Egypt.
- 8.2. Member Union of Education and Scientific Research, Arab Republic of Egypt
- 8.3. Member Union of Professional Agricultural, Arab Republic of Egypt