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Personal Data

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| Last Name | Arafat |
| First Name | Khaled |
| Middle Name | Hussein |
| Title | Dr. |
| Date of Birth | 05/02/1969 |
| Place of Birth | Aswan |
| Nationality | Egyptian |
| Civil Status | Married |
| No. of Children | Two |

Postal Address

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| Street | Sultan St., Shoubra- Cairo |
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Qualifications

- Ph. D. (2011). Plant Pathology- Suez Canal Univ. (STUDIES ON FUNGAL ROOT DISEASES OF DATE PALM AND ITS CONTROL).
- M.Sc. (2001). Plant Pathology- Suez Canal Univ. (PATHOLOGICAL AND PHYSIOLOGICAL STUDIES FOR CONTROLLING PERSIMMON FRUIT ROTS).
- B.Sc. (1992). Plant Pathology- Ain Shames Univ.

Employment Details

Current Position Doctor-Researcher
Organization Agricultural Research Center (ARC)
Institute Plant Pathology Research Institute (PPathRI)
Department Fruit and Woody Tree Diseases Research
Postal Address 9 Gamma St., 12619- Giza- Egypt
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Language

- 1- Mother Tongue Arabic.
- 2- Second Language English (Speak and Write Good).

Computer Skills

MS Office 2003 for Windows

Internet- ICDL

Training Programs & Conferences

- International Workshop MPU Plant Protection for the Quality and Safety of the Mediterranean Diet, Bari, Italy 24-26 October 2012.
- First Regional Conference on date palm pest management. Al Ain, United Arab Emirates. 23-25 Sep. 2012.
- ENVIRONMENT & BIO-AGRICULTURE workshop. 2012 April 2-3, 2012, National Research Centre, Cairo, Egypt.
- Advanced in Integrated Pest Management of Mediterranean Fruit Tree Crops. (Follow up) 13 Sep. - 2 Oct. 2010- CHIAM- MAIB- Bari- Italy.
- Advanced in Integrated Pest Management of Mediterranean Fruit Tree Crops. 22 Mar. - 25 Jul. 2010. Online Phase, Learning/ Research Activity.
- Advanced in Integrated Pest Management of Mediterranean Fruit Tree Crops. 15 Feb- 14 Mar 2010-CHIAM- MAIB- Bari- Italy.
- International Computer Driving License ICDL. 21/3/2010.
- Computers Courses ASA Center Cairo. 4/10- 7/12/2009.
- TOFEL Suez Canal Univ. 15/6-24/7/2005.
- Early Diagnostic of Al-Bayoud Disease of Date palm and its Control. Marrakech- Morocco 21- 27/12/2004.
- Quality and Safety Assurance in Fruit and Vegetable Exports. Cairo- Egypt 16-18/3/1997.

- H.P.L.C. Basic and Advanced Cairo- Egypt 20- 26/4/1996.
- Bright field microscopy, Epi- Fluorescence microscopy Photomicrography. Cairo- Egypt 15/2- 15/4/1995.

Experience

- Diagnosis and treatment control of date palm and tree fruit diseases and pests expert since 2004.
- Integrated Pest Management.
- Biological Control.
- Epidemiology- Forecasting models.
- Soil-borne Pathogenic Fungi.

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

- Egyptian Phytopathological Society.
- Italian Phytopathological Society.
- Arab Society Plant Protection.
- Agricultural Chemistry and Environment Protection Society.
- Mediterranean Phytopathological Union

Publications

Abdel-Kader M.M., Diab M.M., Ismail B.R., Hassan E.A., **Arafat K.H.** (1996) *In vitro* test of different isolates of fungal genera for their pathogenicity against *Orobanche* spp. In 'Advances in parasitic plant research. Proceedings of 6th international parasitic weed symposium'. (Eds MT Moreno, JI Cubero, D Berner, D Joel, LJ Musselman, C Parker) pp. 907–911. (Direccion General de Invsetigacion Agraria Servicio de Publicaciones y Divulgacion: Cordoba, Spain).

- Arafat, K. H.** (2001). Pathological and physiological studies for controlling persimmon fruit rots. M. Sc. Thesis, Fac. of agric., Suez Canal Univ., pp. 88.
- Arafat, K. H.** (2011) Studies on Fungal Root Diseases of Date Palm and Its Control. Ph.D. Thesis, Fac. Of agric., Suez Canal Univ., pp. 157.
- Arafat, K.H.** (2012). APPLY THE STATISTICAL MODEL FOR FORECASTING POWDERY MILDEW OF GRAPES UNDER EGYPTIAN CONDITIONS BASED ON METEOROLOGICAL DATA. International Workshop MPU Plant Protection for the Quality and Safety of the Mediterranean Diet, Bari, Italy 24-26 October 2012.
- Arafat, K.H.** and Al-Esswy, A.A. (2012). Forecasting of powdery mildew in grapevine. Grape and its role in the agricultural development in Egypt. (Workshop), Egypt J. Agric. Res., 90 (3) 41-52.
- Arafat, K.H.,** A. M. Mohamad and S. Elsharabasy (2012). Biological Control of Date Palm Root Rots Disease Using Egyptian Isolates of Streptomycetes. Research Journal of Agriculture and Biological Sciences, 8(2): 224-230.
- Arafat, K.H.,** A. M. Mohamad and S. Elsharabasy (2013). Influence of environmental conditions, salinity and root exudates on incidence and disease severity of *Lasiodiplodia theobromae* that caused root rot of date palm offshoots and biocontrolling. (Under publication).
- Baraka, M. A.; Fatma M. Radwan; M. A. Abed-Aziz and **K. H. Arafat** (2002). Effect of some preharvest treatments to control persimmon fruit rot in cold storage. Agric. Res. J., Suez Canal Univ. Vol. 1, 47-56.
- Baraka, M. A.; Fatma, M. Radwan and **K. H. Arafat** (2011). Survey and Identification of Major Causing Root Rot on Date Palm and Their Relative Importance in Egypt. J. Biol. Chem. Environ. Sci., 6(2): 319-337.
- Baraka, M. A.; Fatma, M. Radwan: W.I. Shaban and **K. H. Arafat** (2011). Efficiency of Some Plant Extracts, Natural Oils, Biofungicides and Fungicides against Root Rot of Date Palm. J. Biol. Chem. Environ. Sci., 6(2): 405-429.
- Baraka, M. A.; Fatma, M. Radwan; H. H. Soltan and **K. H. Arafat** (2003). Postharvest treatments for controlling persimmon fruit rots in cold storage. J. Agric. Sci. Mansoura Univ., 28(5): 4077-4087.