*****Curriculum Vitae of:***

**Ahmed Hamdy Ali El-Naggar**

*First name: Ahmed*

*Sur name: El-Naggar*

# *Date and place of birth: 26th March 1978, Cairo, Egypt*

*Nationality: Egyptian*

*Marital status: Male, Married, have two kids*

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| Assistant Prof. of *Soil Science Department*  *College of Food and Agri.Sci.*  *King Saud University*  *Riyadh, 11451*  *P Box: 2460*  *Tel: +966-1-467-6939*  *Cell: +966-580941697*  *Email:* [*aelnaggar@ksu.edu.sa*](mailto:aelnaggar@ksu.edu.sa)  *Website:* [*http://fac.ksu.edu.sa/aelnaggar/home*](http://fac.ksu.edu.sa/aelnaggar/home)  <http://eg.linkedin.com/in/elnaggar> | | | *Lecturer of Soil Science Department*  *Faculty of Agriculture*  *Ain Shams University*  *Cairo, Egypt*  *Email:* [*Naggar78@gmail.com*](mailto:Naggar78@gmail.com) | |
| *Academic degree: 2007: PhD in soil fertility and plant nutrition from Copenhagen, Denmark.* | | | |
| Professional record | | | |
| 2011 until now | | Assistant professor of environmental soil chemistry at the soil sciences department; collages of food sciences and agriculture, King Saud University, Ryiadh, Saudi Arabia. | |
| 2009 | | Postdoctoral fellow at the Institute of Plant nutrition, Faculty of Agriculture and Horticulture, Humboldt University, Berlin, Germany | |
| 2007un-til now | | Lecturer of Plant nutrition and Organic Farming, Department of Soil Sciences, Faculty of Agriculture, Ain Shams University. | |
| 2003- 2007 | | Ph.D. Research Fellow at the Environment, Resources and Technology section, Department of Agricultural Sciences, Faculty of Life Sciences, Copenhagen University. Denmark | |
| 2003- 2007 | | Assistant lecturer in plant nutrition and soil fertility, Department of Soil Sciences, Faculty of Agriculture, Ain Shams University. | |
| 2000- 2002 | | Master student, Agroecology and Organic Farming, Mediterranean Agronomic Institute of Bari (IAMB) Italy. | |
| 2002 | | Part time ecological agriculture inspector in BCS-Öko- Garantie Middle Easted Co. Biological control system operating in Egypt. | |
| 1999- 2003 | | Demonstrator at the Department of Soil Sciences, Faculty of Agriculture, Ain Shams University. | |
| 1999 | | Practical work on different farms in Egypt both with irrigation systems and crop production. | |
| 1995-1999 | | Undergraduate student at the Soil Science Department, Ain Shams University : B.Sc. in Soil Science | |
| Academic history | | | |
| 2003-2007 | Ph.D. studies (Defended in 12-01-2007) at the Environment, Resources and Technology section, Department of Agricultural Sciences, Faculty of Life Sciences, Copenhagen University. Denmark. Thesis title: Plant Soakings and Amino Acids Uptake in Low-Input Agriculture. | | |
| 2000-2003 | M. Sc. studies at Organic Farming section, Mediterranean Agronomic Institute of Bari (IAMB), International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Bari, Italy. Title of thesis: *Effects of using water extracts of compost and organic materials on soil fertility and plant nutrition”.*  Post graduate diploma, (IAMB), Bari, Italy  Title of thesis: *Plant Phosphorus nutrition under organic farming systems*. | | |
| 1995-1999 | B. Sc. studies at the Department of Soil Sciences, Faculty of Agriculture, Ain Shams University.  Thesis title: Using competitive chelating method for predicting heavy metals in clay soils | | |

***International Societies Memberships***

Member of Soil Science Society of America

***Awards***

Awarded the DAAD postdoctoral fellowship ‘’ German Egyptian Research Short term Scholarship GERSS’’ for six months (01-07-2009) : (31-12-2009) at Humboldt University, Berlin.

***Languages skills***

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| --- | --- | --- | --- |
| Language | Speaking | Understanding | writing |
| Arabic | Excellent (mother tongue) | Excellent (mother tongue) | Excellent (mother tongue) |
| English | Excellent | Excellent | Excellent |
| Italian | good | Very good | fair |
| German | fair | good | poor |

**Training and teaching expertise:**

I passed the following training courses organized by the Faculty and leadership development project, Ain Shams University.

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| 1 | 26-MAY-07 | 28-MAY-07 | Preparing, writing and international publishing of research articles |
| 3 | 29-MAY-07 | 31-MAY-07 | New trends in education |
| 4 | 16-JUN-07 | 28-JUN-07 | Preparation of academic lecturer |
| 5 | 12-JUN-07 | 14-JUN-07 | Active and effective presentation skills |
| 6 | 09-JUN-07 | 11-JUN-07 | Using IT systems in teaching and Active learning skills |

During my academic years I contributed to the following courses:

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| --- | --- | --- | --- |
| Period | Position | Course Name | Course description |
| 1999- 2003 | Demonstrator at the Department of Soil Sciences, Faculty of Agriculture, Ain Shams University. | 1. Principals of soil science 2. Physics and matter properties 3. Fertilizers and Fertilization | 1. Practical lab course for sophomores (second years students) 2. Practical lab course for freshmen (first years) 3. Practical lab course for seniors (fourth years) |
| 2006 | Research fellow at the Environment, Resources and Technology section, Department of Agricultural Sciences, Faculty of Life Sciences, Copenhagen University. Denmark. | Ecological Agriculture | BSc level course  Learning methods include lectures, workshops, independent readings, student presentations, exercises and excursions.  Course Home Page  <http://kursus.kvl.dk/ea> |
| 2007- Now | Lecturer in Plant nutrition and Organic Farming, Department of Soil Sciences, Faculty of Agriculture, Ain Shams University. | Fertilizers and Fertilization | Theoretical and practical course for seniors students(fourth years) |

***Examples of work/projects:***

**Pyrolyis of conocarpus wastes as a mitigation technology for climate change and activated carbon production, King Saud University, Saudi Arabia**

Effect of using water extracts of compost and organic materials on soil fertility and plant nutrition (Puglia – Italy)

Responses of strawberry plants to fertigation with different K-KCL/K-KNO3 combination ratios (Sandy soils – Egypt)

Crop responses to foliar fertilization with organic and inorganic N sources (Sandy soils- Egypt)

Plant aqueous extracts as a supplementary nitrogen source in organic farming (Denmark)

***Publications***

Al-Farraj A.S., Al-Wabel M.I., El-Saeid M.H., El-Naggar A.H. & Ahmed Z. (2013). Evaluation of Groundwater for Arsenic Contamination Using Hydrogeochemical Properties and Multivariate Statistical Methods in Saudi Arabia. *Journal of Chemistry*, 2013, 9.

Al-Wabel M.I., Al-Omran A., El-Naggar A.H., Nadeem M. & Usman A.R.A. (2013). Pyrolysis temperature induced changes in characteristics and chemical composition of biochar produced from conocarpus wastes. *Bioresource Technology*, 131, 374-379.

Al-Wabel M.I., Usman A.R.A., El-Naggar A.H., Aly A.A., Ibrahim H.M., Elmaghraby S. & Al-Omran A. (2015). Conocarpus biochar as a soil amendment for reducing heavy metal availability and uptake by maize plants. *Saudi Journal of Biological Sciences*, 22, 503-511.

El-Mahrouky M., El-Naggar A.H., Usman A.R. & Al-Wabel M. (2015). Dynamics of CO2 Emission and Biochemical Properties of a Sandy Calcareous Soil Amended with Conocarpus Waste and Biochar. *Pedosphere*, 25, 46-56.

El-Naggar A.H., Alzhrani A.K.R., Ahmad M., Usman A.R.A., Mohan D., Ok Y.S. & Al-Wabel M.I. (2015a). *Preparation of Activated and Non-Activated Carbon from Conocarpus Pruning Waste as Low-Cost Adsorbent for Removal of Heavy Metal Ions from Aqueous Solution*.

El-Naggar A.H., Usman A.R.A., Al-Omran A., Ok Y.S., Ahmad M. & Al-Wabel M.I. (2015b). Carbon mineralization and nutrient availability in calcareous sandy soils amended with woody waste biochar. *Chemosphere*, 138, 67-73.

Usman A., Sallam A., Al-Omran A., El-Naggar A., Alenazi K., Nadeem M. & Al-Wabel M. (2013). Chemically Modified Biochar Produced from Conocarpus Wastes: An Efficient Sorbent for Fe(II) Removal from Acidic Aqueous Solutions. *Adsorption Science & Technology*, 31, 625-640.

Usman A.R.A., Ahmad M., El-Mahrouky M., Al-Omran A., Ok Y.S., Sallam A.S., El-Naggar A.H. & Al-Wabel M.I. (2015). Chemically modified biochar produced from conocarpus waste increases NO3 removal from aqueous solutions. *Environmental Geochemistry and Health*, 1-11.

Usman A.R.A., Al-Wabel M.I., Ok Y.S., Al-Harbi A., Wahb-Allah M., El-Naggar A.H., Ahmad M., Al-Faraj A. & Al-Omran A. (2016). Conocarpus Biochar Induces Changes in Soil Nutrient Availability and Tomato Growth Under Saline Irrigation. *Pedosphere*, 26, 27-38.

El-Saeid M. H., Al-Wabel M. I., Al-Farraj A. S., El-Naggar A. H., Zaheer Ahmed (2013) Monitoring of organic contaminants in Soil by MAE and EIGC-MS. Res.J.Chem.Environ.17: 27- 33

El-Naggar A H, de Neergaard A, El-Araby A and Høgh-Jensen H (2009) Simultaneous uptake of multiple amino acids by wheat. Journal of Plant Nutrition, 32: 725–740

El-Naggar A.H., El-Araby A., de Neergaard A., Høgh-Jensen H. (2008) Crop responses to foliar application of organic and inorganic nitrogen. Nutr. Cycl. Agroecosyst 80, 49-60.

El-Naggar A H, Rasmussen J, El-Araby A, de Neergaard A and Høgh-Jensen H (2010) Sources and temperature determine the releases of multiple amino acids from plant materials. Agronomy for Sustainable Development. Published Online: 19 January 2010. DOI: 10.1051/agro/2009049

Lucie Sirieix, Paul Rye Kledal, Ahmed El-Naggar, Marika Auersalmi (2010) Organic consumers in the Egyptian Metropolis of Cairo, (African Journal of Economics and Management (submitted December 2009 and accepted with changes)

El-Araby A and El-Naggar A (2008) Nitrogen management in the desert soil for organic agriculture production. Proceedings of Organic Agriculture in Asia, ISOFAR International Symposium on soil fertility, Dankook University, Korea

Ibrahim, A; T. Abdel-Latif; Sh. Gawish and A. El-Naggar. (2004) Response of strawberry plants to fertigation with different K-KCl/K-KNO3 combination ratios. Arab Univ. J. Agric. Sci., Ain Shams Univ., Cairo, 12(1), 469-480.

***International References and Contacts***

Prof. Dr. Henning Høgh Jensen, Aarhus University Frederiksborgvej 399, DK - 4000 Roskilde. Tel. +45 4630 1230, E-mail [hhj@dmu.dk](mailto:hhj@dmu.dk)

Prof. Dr. John R. Porter, , Department of Agricultural Sciences, Faculty of Life Sciences, Copenhagen University Højbakkegaard Allé 9, DK-2630 Taastrup. Tel. +45 3528 3377, E-mail [jrp@life.ku.dk](mailto:jrp@life.ku.dk)

Prof. Dr. Christof Engels, Landwirtschaftlich – Gärtnerische Fakultät, Humboldt – Universität zu Berlin, Germany. Tel: 030/31471479. Email: [christof.engels@agrar.hu-berlin.de](mailto:christof.engels@agrar.hu-berlin.de)

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