

CURRICULUM VITAE

Personal data

Name: **Hamada Abdelrahman**
Date of birth: 04.01.1983
Nationality: Egyptian
Current Address: Soil Science Dept.,
Faculty of Agriculture, Cairo University,
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Current Position

04.2013 – upward Assistant Professor/Lecturer, Cairo University, Egypt

Education

01.2009 – 05.2012 **PhD, University of Bari, Soil Chemistry, Bari, Italy**
Thesis: Fractionation and Characterization of Soil Organic Carbon During Transition to Organic Farming, **Advisor:** Prof. Teodoro Miano
11.2006 – 10.2008 **MSc, Mediterranean Agronomic Institute of Bari, Organic Farming, Valenzano, Italy**
Thesis: Evaluation of Compost as Peat Substitute in Growing Media for Organic Melon Seedlings Production, **Advisor:** Dr. Fabio Tittarelli
09.2003 – 10.2006 Postgraduate Research, **Cairo University, Cairo, Egypt,** Phytoremediation of Pb- and Zn-polluted soil, **Advisor:** Prof. Samir Aboulroos
09.1999 – 06.2003 **BSc, Cairo University, Agricultural sciences, Cairo, Egypt**
Major soil science, minor agricultural microbiology

Professional Experience

06.2012 – 12.2012 **Research Assistant, DiSSPA, University of Bari, Italy.** Supervisor: Prof. Teodoro Miano. Project: Characterization of soil organic carbon during the transition to organic farming
05.2009 – 12.2012 **Assistant Lecturer, Soil Science, Cairo University, Egypt.** Courses: Introductory Soil Science, Agricultural Physics and Meteorology, Soil Fertility, Soil Pollution and Remediation Technique.
10.2008 – 12.2008 **Research Fellow, Mediterranean Agronomic Institute of Bari, Italy.** Supervisor: V. Verrastro. Project: Compostability of Bioplastics and Packaging Papers During the Composting Process.
04.2003 – 11.2006 Teaching Assistants, Soil Science, **Cairo University, Egypt.** Courses: Introductory Soil Science, Agricultural Physics and Meteorology, Soil Fertility, Soil Pollution and Remediation Technique.

Awards and Prizes

05.2012 **Travel Bursary, International Humic Substances Society (IHSS), 16th IHSS conference Hangzhou, China**
01.2011 **Training Bursary, IHSS, USDA-ARS, Iowa, USA**
10.2010 **Training Bursary, Italian Society of Soil Science, Italy.**
10.2003 **Academic Excellence, 1956'ss Alumni Prize for academic excellence. Cairo University, Egypt**

Publications

- E. A. Vialykh, S. A. Ilarionov, **H. M. Abdelrahman**, I. A. Vialykh. Changes in Amino Acids Content in Humic Acids Repetitively Extracted From Peat And Sod-Podzolic Soils. *Canadian Journal of Soil Science* (under review).
- H. M. Abdelrahman, D. C. Olk, C. Coccozza, D. Ventrella, F. Montemurro and T. Miano. Changes in Light Fraction, Particulate Organic Matter and Mobile Humic Acid After 2-Year Transition Period From Conventional to Organic Farming. (In revision prior to submission).
- H. M. Abdelrahmana, C. Coccozza, D. C. Olk, D. Ventrella, F. Montemurro and T. Miano. Carbohydrates and Amino Compounds Content in Labile Soil Organic Matter Fractions Isolated During the Transition to Organic Farming. (In revision prior to submission).
- H. M. Abdelrahman. A Guide for Compost Use in Growing Media. Lampert Academic Publishing (In submission course)
- Diacono M., De Benedetto D., Castrignanò A., Rubino P., Vitti C., **Abdelrahman H.M.**, Sollitto D. 2013. A combined approach of geostatistics and geographical clustering for delineating homogeneous zones in a durum wheat field in organic farming. *NJAS - Wageningen Journal of Life Sciences*, 64–65: 47–57.
- **Abdelrahman H.M.**, Ceglie F.G., Erriquens F.G., Verrastro V., Rivera C.M. and Tittarelli, F. 2012. Compost based growing media for organic melon seedlings production. *Acta Horticulturae*, **933**: 99-106.
- Mininni C., Santamaria P., **Abdelrahman H.M.**, Coccozza C., Miano T., Montesano F. and Parente A. 2012. Posidonia-based compost as peat substitute for lettuce transplant production. *HortScience*, 47(10): 1438-1444.
- **Abdelrahman H.M.**, Olk D.C., Coccozza C., Venterella M., Montemurro F. and Miano T. (2012) Integrated physical-chemical procedure for soil organic carbon fractionation and characterization during transition to organic farming. In Xu J. et al., (Eds.) *Functions of natural organic matter in changing environment*. Springer-Verlag GmbH, ISBN 978-99-007-5633-5 (DOI: 10.1007/978-94-007-5634-2_13) PP: 73-77.
- Diacono M., **Abdelrahman H.**, Coccozza C., De Benedetto D., Troccoli A., Rubino P. and Castrignanò A 2011. Delineation of homogeneous field zones based on soil fertility indices in a durum wheat - chickpea rotation. In Stafford J. (ed.). **Precision Agriculture 2011** proceedings. pp, 164-179. Prague, Czech Republic, **ISBN: 978-80-904830-5-7**.

Extended Abstracts and Posters

- **Abdelrahman H.M.**, Coccozza C., Olk D., Ventrella D., Montemurro F., Miano T (2013) Compost performance during successful transition to organic farming. Book of abstracts of the 1st International conference on Biochars, Composts and Digestates. Production,

on Life in the Mediterranean Region”, 7-11 October 2009. Bari, Italy. p. 22, ISBN/ISSN: 978-3-936175-12-7.

Reviewing Activities

- Chemosphere
- Biological Agriculture and Horticulture
- Journal of Agricultural Science and Applications (Open Access)
- Open Journal of Soil Science (Open Access)

Teaching Experience

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| 01.2013 Upward | Soil fertility management course (OA 514) and composting and biofertilization course (OA 515) in the Professional MSc in organic farming (Taught in English), Agricultural residues recycling (ASS 415) (In English) Environmental Management for soil fertility (ASS 654) |
| 04.2004 – 11.2006 | Undergraduate, Lab Sections: Soil Fertility Management, Soil Pollution and remediation technologies, Introduction to soil science, principles of physics and Meteorology. |

Skills

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| - Computer skills | Excellent knowledge of MS Office (Word, Excel, Power Point), Windows, and Internet SPSS |
| - Technical skills | Compost production, soil organic matter extraction and fractionation. Operator for AAS, ICP-AES and UV-VIS spectrophotometer systems. |
| - Personal Skills | Time management, leadership, cooperation and adaptability, Decision Making, Developing & Sharing Knowledge, Initiative and Enthusiasm, Analytical Thinking & Problem Solving, Continuous Improvement and Self Development, Teamwork, Planning & Organizing |

Languages

- Arabic (mother language)
- English (fluent written and spoken)
- Italian (very good written and spoken)
- French (basic)

Scientific Affiliation

International Humic Substances Society, IHSS
Italian Society of Soil Science, SISS
European Geosciences Union (EGU)
Egyptian Society of Soil Science (ESSS)
International Society of Organic Agriculture Research (ISO FAR)

References

Available upon request

Cairo, 16 February 2014

Signature

Hamada Abdelrahman