

# CURRICULUM VITAE (CV)

## سيرة ذاتية

### Personal information

### بيانات شخصية

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تاريخ ومكان الميلاد : 13 / 11 / 1968 الاصابعة

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### Education

### المؤهلات العلمية

- 1990 بكالوريوس علوم زراعية ( تربة و المياه ) جامعة عمر المختار . البيضاء
- 1990 B.Sc Agriculture Sciences ( Soil & Water ) Omer Al- Mukhtar University
- 1993 معيد كلية الزراعة البعلية , جامعة الجبل الغربي , الزنتان
- 1993 Teaching Assistant, College of Rainfed Agriculture, Al-Jabel Al-Gharbi University.
- 2000 الإجازة العليا (ماجستير) علوم التربة ( كيمياء تربة ) جامعة كودولوا جمهورية المجر
- 2000 M.Sc Soil Sciences ( Soil Chemistry ) Gödöllő University, Hungary
- 2009 الإجازة الدقيقة (دكتوراه) علوم التربة ( كيمياء تربة واستصلاح الترب المالحية ) جامعة سانت إستيفان جمهورية المجر.
- 2009 P.HD Soil Sciences ( Soil Chemistry, Reclamation of Saline Soils ) Szent István University, Hungary

### اللغات والمهارات

- |       |                  |
|-------|------------------|
| ممتاز | اللغة العربية    |
| ممتاز | اللغة الإنجليزية |
| متوسط | اللغة المجرية    |

### مكان العمل والخبرات العلمية

- مكان العمل جامعة طرابلس . كلية الزراعة ، قسم التربية والمياه
- 1990 - 1993 مركز البحث الزراعي . طرابلس
- 1993 - 1995 معيد ، المعهد العالي للزراعة البعلية، جامعة الجبل الغربي
- 2000 - 2003 محاضر بكلية الزراعة جامعة طرابلس. محاضرات نظرية وعملية في كيمياء التربة واستصلاح التربة الملحة وإستصلاح ترب المناطق الجافة و مواد أساسية أخرى لطلبة البكالوريوس بقسم التربية والمياه.
- 2009 - الان عضو هيئة تدريس بكلية الزراعة . جامعة طرابلس ، محاضرات نظرية وعملية في كيمياء التربة واستصلاح التربة الملحة وإستصلاح ترب المناطق الجافة و مواد أساسية أخرى لطلبة البكالوريوس بقسم التربية والمياه.

#### الخبرات المهنية

عضوية:

- الجمعية المجرية لعلوم التربة منذ سنة 2005

#### Membership:

- Active member of the Hungarian Society of Soil Sciences with the beginning of October 2005

#### Publications

#### المنشورات

1. Hamid Y.S. - Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Krisztof K. - Füleky Gy. (2007): A manometric method for rapid determination of CaCO<sub>3</sub> dissolution in soil horizons. *International Journal Plant, Soil and Environment*.
2. Algaidi A.A. - Hamid Y.S. - Bayoumi Hamuda H.E.A.F. - Krisztof K. - Kampfl Gy. - Heltai Gy. (2007): Impacts of some environmental factors on the emission of trace gases. *International journal Plant, Soil and Environment*.
3. Krisztof K. - Kampfl Gy. - Algaidi A.A. - Hamid Y.S. - Bayoumi Hamuda H.E.A.F. - Heltai Gy. (2007): Organic and inorganic fertilisers influencing the CO<sub>2</sub> and NOx production. *International Journal Plant, Soil and Environment*.
4. Bayoumi Hamuda H.E.A.F. - Palágyi A. - Tóth N. - Busa V. - Hamid Y.S. - Algaidi A.A. - Krisztof K. - Tóth M.D. - Balázsy S. - Kecskés M. (2007): Delivery of beneficial microorganisms to seeds and plants under heavy metal stress. *International Journal Plant, Soil and Environment*.
5. Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Nótás E. - Kristóf K. - Kampfl Gy. - Hamid Y.S. - Heltai Gy. (2007): Az ólom, kadmium és kobalt hatása a talajlégzésre és a talaj mikrobatartalmára *in vitro* körülmények között. Agrokémia és Talajtan.
6. Issa I.A. - Füleky Gy. – Algaidi A.A. - Hamid Y.S. (2005): Moisture, nitrate and ammonium dynamics in sunflower field. *Scientific Bulletin of Szent István University*, Gödöllő, Hungary. pp: 123-131.

7. Issa Ibrahim A. - Füleky Gy. - **Hamid Y.S.** - Algaidi A.A. Moisture content, precipitation and evapotranspiration changes under winter wheat and maize fields. *Scientific Bulletin of Szent István University*, Gödöllő, Hungary.
8. Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Nótás Erika - Kristóf K. - Kompfl Gy. - Issa Ibrahim A. - **Hamid Y.S.** - Heltai Gy. (2005): Effect of heavy metals in soil microbial processes and population. *Magazine of Sebha University*. Sebha, Libya. **12**: 1-6.
9. Algaidi A.A. - Issa Ibrahim A. - **Hamid Y.S.** (2006): Effect of lead and zinc on soil microbial biomass in cultivated soil. *Libyan Journal of Sebha University*, Sebha, Libya.
10. **Hamid Y.S.** - Füleky Gy. - Algaidi A.A. - Issa Ibrahim A. - Bayoumi Hamuda H.E.A.F. (2004): Dissolution kinetics of soil calcium carbonate content. In: Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testülete évkönyvei Vol.: **13**. Tudományos Ülés, Nyíregyháza. S. Kókai (Ed.). Kápitális Nyomdaipari és Kereskedelmi Kft, Debrecen. pp: 427-433.
11. Issa Ibrahim A. - Füleky György - **Hamid Y.S.** - Algaidi A.A. - Bayoumi Hamuda H.E.A.F. (2004): Nitrogen forms and water movement in arable land field. In: Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testülete évkönyvei Vol.: **13**. Tudományos Ülés, Nyíregyháza. S. Kókai (Ed.). Kápitális Nyomdaipari és Kereskedelmi Kft, Debrecen. pp: 435-440.
12. Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Nótás Erika - kristóf K. - Kompfl Gy. - Issa Ibrahim A. - **Hamid Y.S.** - Heltai Gy. (2004): Bioavailability of  $Zn^{2+}$  and  $Pb^{2+}$  on soil microbial respiration and population. In: Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testülete évkönyvei Vol.: **13**. Tudományos Ülés, Nyíregyháza. S. Kókai (Ed.). Kápitális Nyomdaipari és Kereskedelmi Kft, Debrecen. pp: 411-416.
13. Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Kristóf K. - Kampfl Gy. - **Hamid Y.S.** - Issa Ibrahim A. - Heltai Gy. (2005): Gas emission in brown forest soil in relation to C:N applied rate and soil temperature. In: Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testületének **XIV.** évi Közgyűléssel egybekötött Tudományos Ülésének Előadásai I. rész. 2005. szeptember 30. – október 01. Nyíregyháza. P. Nagy (Ed.). CD-R kiadvány a KÁLL-TRADE Kft, Nyíregyháza. pp: 9-15. ISBN-13:978-963-8048-32-5.
14. **Hamid Y.S.** - Füleky Gy. - Bayoumi Hamuda H.E.A.F. (2006): Differences in dissolution kinetics of soil  $CaCO_3$  content throughout the soil horizons. In: Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testülete évkönyvei Vol.: **15**. Tudományos Ülés. Nyíregyháza.
15. **Hamid Y.S.** - Füleky GY. - Algaidi A.A. - Kristóf K. - Issa I. A. - Bayoumi Hamuda H.E.A.F. (2006): Kinetic model of  $CaCO_3$  dissolution in different soil types. *Proceedings of VI. National Scientific Conference with International Participation "Ecology & Health 2006"* 18<sup>th</sup> May 2006. Plovdiv, Bulgaria. pp: 279-284.

16. **Hamid Y. S.** - Füleky Gy. - Algaidi A. A. - Kristóf K. - Rethati G. - Bayoumi Hamuda H.E.A.F. (2006): Modelling of calcite dissolution in different horizons of some Hungarian soils. *Proceeding of the VII. International Ph.D. Students Conference*. RNDr. M. Slábová, Ing. Z. Sýkorová (Eds.). 4<sup>th</sup> April 2006. University of South Bohemia, Faculty of Agriculture, České Budějovice, Czech Republic. pp.: 29-37. ISBN 80-7040-847-2.
17. Algaidi A.A. - Kristóf K. - Kampfl GY. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Nótás Erika - Issa I.A. - Heltai GY. (2006): Predicting N<sub>2</sub>O and CO<sub>2</sub> emission from agricultural soil amended with different C:N ratios. *Proceedings of VI. National Scientific Conference with International Participation "Ecology & Health 2006"* 18<sup>th</sup> May 2006. Plovdiv, Bulgaria. pp: 268-272.
18. Kristóf K. - Algaidi A.A. - GY Kampfl GY. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Bálint Á. - Heltai Gy. (2006): Effect of soil moisture and temperature on NO<sub>x</sub> and CO<sub>2</sub> production from brown forest soil. *Proceedings of VI. National Scientific Conference with International Participation "Ecology & Health 2006"* 18<sup>th</sup> May 2006. Plovdiv, Bulgaria. pp: 273-278.
19. Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Nótás Erika - Kristóf K. - Kampfl Gy. - **Hamid Y.S.** - Heltai Gy. (2006): Impact of lead, cadmium, and cobalt on soil respiration and microbial content under *in vitro* conditions. *Proceeding of the VII. International Ph.D. Students Conference*. RNDr. M. Slábová, Ing. Z. Sýkorová (Eds.). 4<sup>th</sup> April 2006. University of South Bohemia, Faculty of Agriculture, České Budějovice, Czech Republic. pp.: 7-16. ISBN 80-7040-847-2.
20. Bayoumi Hamuda H.E.A.F. - Elfallah Fatma - Fallah Hoda M.B. - Shwerif Najia A.K. - **Hamid Y.S.** - Algaidi A.A. - D. Tóth Márta - Balázs Sándor, Kristóf K. - Bálint Ágnes (2006): Mg<sup>2+</sup> and Ca<sup>2+</sup> tolerance of horse bean *Rhizobium* strains and possibility of inocula selection. *Proceedings of VI. National Scientific Conference with International Participation "Ecology & Health 2006"* 18<sup>th</sup> May 2006. Plovdiv, Bulgaria. pp: 254-260.
21. Bayoumi Hamuda H.E.A.F. - Palágyi A. - Algaidi A.A. - Tóth N. - **Hamid Y.S.** - Heltai Gy. (2006): Enzymatic activities and microbial contents as reliable indicators to evaluate the resilience of soil quality and the growth of alfalfa. *Proceedings of VI. National Scientific Conference with International Participation "Ecology & Health 2006"* 18<sup>th</sup> May 2006. Plovdiv, Bulgaria. pp: 247-253.
22. Kristóf K. - Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Kampfl Gy. - **Hamid Y.S.** - Heltai Gy. (2006): Study of NO<sub>x</sub> and CO<sub>2</sub> production of cultivated soil in closed microcosm experimental system. *Proceeding of the VII. International Ph.D. Students Conference*. RNDr. M. Slábová, Ing. Z. Sýkorová (Eds.). 4<sup>th</sup> April 2006. University of South Bohemia, Faculty of Agriculture, České Budějovice, Czech Republic. pp.: 39-47. ISBN 80-7040-847-2.

23. Bayoumi Hamuda H.E.A.F. - Hegedűs A. - Algaidi A.A. - **Hamid Y.** - Heltai Gy. - Kecskés M. (2005): Effect of nitrpyrin and thiosulfate on root colonization of faba bean by *Rhizobium leguminosarum* in the presence of different sources of nitrate-nitrogen. Proceedings in "Agriculture in Central Europe Potentials and Risks" 47<sup>th</sup> Georgikon Scientific Conference and 15<sup>th</sup> ÖGA Annual Meeting, Keszthely. 2005. szeptember 29-30. pp. 193.
24. Bayoumi Hamuda H.E.A.F. - Palágyi A. - Tóth N. - Busa V. - **Hamid Y.S.** - Algaidi A.A. - Krisztof K. - Tóth M.D. - Balázs S. - Kecskés M. (2007): Delivery of beneficial microorganisms to seeds and plants under heavy metal stress. International Workshop on Practical Solutions IV. For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech. pp: 04. ISBN 978-80-87011-02-7.
25. **Hamid Y.S.** - Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Krisztof K. - Füleky Gy. (2007): A manometric method for rapid determination of CaCO<sub>3</sub> dissolution in soil horizons. International Workshop on Practical Solutions IV. For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech. pp: 24. ISBN 978-80-87011-02-7.
26. Algaidi A.A. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Krisztof K. - Kampfl Gy. - Heltai Gy. (2007): Impacts of some environmental factors on the emission of trace gases. International Workshop on Practical Solutions IV. For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech. pp: 01. ISBN 978-80-87011-02-7.
27. Krisztof K. - Kampfl Gy. - Algaidi A.A. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Heltai Gy. (2007): Organic and inorganic fertilisers influencing the CO<sub>2</sub> and NOx production. International Workshop on Practical Solutions IV. For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech. pp: 33. ISBN 978-80-87011-02-7.
28. Issa I.A. - Czinkota I. - Rétháti G. - **Hamid Y.S.** - Balint A. - Algaidi A.A. (2007): Titration method for determining of the redox buffer capacity of soils. The 5<sup>th</sup> International Congress of the ESSC - European Society for Soil Conservation, from 25 to 30 June. Palermo, Italy.
29. Bayoumi Hamuda H.E.A.F. - Hegedűs A. - Algaidi A.A. - **Hamid Y.** - Heltai Gy. - Kecskés M. (2005): Effect of nitrpyrin and thiosulfate on root colonization of faba bean by *Rhizobium leguminosarum* in the presence of different sources of nitrate-nitrogen. "Agriculture in Central Europe Potentials and Risks" 47<sup>th</sup> Georgikon Scientific Conference and 15<sup>th</sup> ÖGA Annual Meeting, Keszthely. 2005. szeptember 29-30.
30. Algaidi A. A. - Bayoumi Hamuda H.E.A.F. - Kristóf K. - Kampfl Gy. - **Hamid Y.S.** - Issa Ibrahim A. - Heltai Gy. (2005): Gas emission in brown forest soil in relation to C:N applied rate and soil temperature. Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testülete 14. éves Tudományos Ülés. Nyíregyháza. September 30.-October 01. 2005.

31. **Hamid Y.S.** - Füleky Gy. - Bayoumi Hamuda H.E.A.F. (2006): Differences in dissolution kinetics of soil CaCO<sub>3</sub> content throughout the soil horizons. *In: Az MTA Szabolcs-Szatmár-Bereg Megyei Tudományos Testületének XV. évi Közgyűléssel egybekötött Tudományos Ülést.* 2006. szeptember 22. - 23. Nyíregyháza.
32. **Hamid Y. S.** - Füleky Gy. - Algaidi A. A. - Kristóf K. - Rethati G. - Bayoumi Hamuda H.E.A.F. (2006): Modelling of calcite dissolution in different horizons of some Hungarian soils. **VII. International Ph.D. Students Conference.** University of South Bohemia, Faculty of Agriculture, České Budějovice, Czech Republic. 4<sup>th</sup> April 2006.
33. Kristóf K. - Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Kampfl Gy. - **Hamid Y.S.** - Heltai Gy. (2006): Study of NO<sub>x</sub> and CO<sub>2</sub> production of cultivated soil in closed microcosm experimental system. **VII. International Ph.D. Students Conference.** University of South Bohemia, Faculty of Agriculture, České Budějovice, Czech Republic. 4<sup>th</sup> April 2006.
34. Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Nótás Erika - Kristóf K. - Kampfl Gy. - **Hamid Y.S.** - Heltai Gy. (2006): Impact of lead, cadmium, and cobalt on soil respiration and microbial content under *in vitro* conditions. **VII. International Ph.D. Students Conference.** University of South Bohemia, Faculty of Agriculture, České Budějovice, Czech Republic. 4<sup>th</sup> April 2006.
35. **Hamid Y.S.** - Füleky Gy. - Algaidi A.A. - Kristóf K. - Issa I. A. - Bayoumi Hamuda H.E.A.F. (2006): Kinetic model of CaCO<sub>3</sub> dissolution in different soil types. **VI. National Scientific Conference of International Participation "Ecology & Health 2006"** Plovdiv, Bulgaria. 18<sup>th</sup> May 2006.
36. **Hamid Y.S.** - Algaidi A.A. - Bayoumi Hamuda H.E.A.F. - Krisztof K. - Füleky Gy. (2007): A manometric method for rapid determination of CaCO<sub>3</sub> dissolution in soil horizons. **International Workshop on Practical Solutions IV.** For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech.
37. Algaidi A.A. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Krisztof K. - Kampfl Gy. - Heltai Gy. (2007): Impacts of some environmental factors on the emission of trace gases. **International Workshop on Practical Solutions IV.** For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech.
38. Krisztof K. - Kampfl Gy. - Algaidi A.A. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Heltai Gy. (2007): Organic and inorganic fertilisers influencing the CO<sub>2</sub> and NOx production. **International Workshop on Practical Solutions IV.** For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech.
39. Kristóf K. - Algaidi A.A. - Kampfl Gy. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Bálint Á. - Heltai GY. (2006): Effect of soil moisture and temperature on NO<sub>x</sub> and CO<sub>2</sub> production from brown forest soil. **VI. National Scientific Conference of International Participation "Ecology & Health 2006"** Plovdiv, Bulgaria. 18<sup>th</sup> May 2006.

40. Bayoumi Hamuda H.E.A.F. - Palágyi A. - Tóth N. - Busa V. - **Hamid Y.S.** - Algaidi A.A. - Krisztof K. - Tóth M.D. - Balázsy S. - Kecskés M. (2007): Delivery of beneficial microorganisms to seeds and plants under heavy metal stress. International Workshop on Practical Solutions **IV**. For managing optimum C and N content in Agricultural soils. 20<sup>th</sup> to 22<sup>nd</sup> June 2007, Prague, Czech.
41. Algaidi A.A. - Kristóf K. - Kampfl GY. - **Hamid Y.S.** - Bayoumi Hamuda H.E.A.F. - Nótás Erika - Issa I.A. - Heltai GY. (2006): Predicting N<sub>2</sub>O and CO<sub>2</sub> emission from agricultural soil amended with different C:N ratios. **VI. National Scientific Conference of International Participation "Ecology & Health 2006"** Plovdiv, Bulgaria. 18<sup>th</sup> May 2006.
42. Bayoumi Hamuda H.E.A.F. - Palágyi A. - Algaidi A.A. - Tóth N. - **Hamid Y.S.** - Heltai GY. (2006): Enzymatic activities and microbial contents as reliable indicators to evaluate the resilience of soil quality and the growth of alfalfa. **VI. National Scientific Conference of International Participation "Ecology & Health 2006"** Plovdiv, Bulgaria. 18<sup>th</sup> May 2006.
43. Bayoumi Hamuda H.E.A.F. - Elfallah Fatma - Fallah Hoda M.B. - Shwerif Najia A.K. - **Hamid Y.S.** - Algaidi A. A. - D. Tóth Márta - Balázsy Sándor - Kristóf K. - Bálint Ágnes (2006): Mg<sup>2+</sup> and Ca<sup>2+</sup> tolerance of horse bean *Rhizobium* strains and possibility of inocula selection. **VI. National Scientific Conference of International Participation "Ecology & Health 2006"** Plovdiv, Bulgaria. 18<sup>th</sup> May 2006.