



CURRICULUM VITAE OF

Prof. Dr. Haythum Mohamed Shehata Soliman Salem

**Professor of plant nutrition and soil fertility
College of Agriculture (Accredited College on 23/05/2016)
Benha University
Egypt**

MAILING ADDRESS:

**Soils and water Department, Faculty of Agriculture,
Benha University
Toukh , Qalubiya , Egypt. P.O. Box: 13637**

Fax + 20132467786 Toukh , Egypt.

E-mail salemh2000eg@yahoo.com

haythum.salem@fagr.bu.edu.eg

Phone (work) + 20132460306

Mobile 1 + 201223677391

Personal Data:-

Family name : *Salem*
First name : *Haythum*
Date of birth : *May, 14, 1971*
Place of birth : *Toukh, Qalubia, Egypt.*
Nationality : *Egyptian*
Civil status : *Married with four children.*

Official website:-

<http://www.bu.edu.eg/staff/haythumsalem6>

Qualifications:-

- *B.Sc. in Agriculture (Soil science) Zagazig Univ. with a final grade excellent with honour rank. (1992)*
- *M.Sc. in Agriculture (Soil science) Zagazig Univ. (1996)*
- **Ph.D. in Agriculture (Soil Science) Zagazig Univ. (2001)*

**Ph.D. thesis was a joint supervision between Zagazig University-Egypt, and Institute of Plant Nutrition and Soil Science (FAL), Braunschweig - Germany, from 1998 to 2001.*

Professional Positions :-

1- Professor of plant nutrition and soil fertility, Soils and water Dept., Benha Univ., 2013 till now.

➤ Responsibilities:

- *Teaching under-graduate and post-graduate courses related to soil science.*
- *Supervising the scientific research of the post-graduate students (Ph.D and M.Sc. levels) Appendix 2.*
- *Designing strategies for teaching and research in soils and water*

department.

- *Evaluating student through oral, practical and written exams.*
- *Participating in preparation, development, writing and revising practical and theoretical courses notes in soil department.*
- *Attending seminars which are held in weekly bases.*

***Research:**

- *Conducting scientific research associated with many national research centers.*

2 - Associate professor of plant nutrition and soil fertility, Soils and water Dept., Benha Univ., 2007 - 2013.

➤ **Responsibilities:**

- *Teaching under-graduate and post-graduate courses related to soil science.*
- *Supervising the scientific research of the post-graduate students (Ph.D and M.Sc. levels) Appendix 2.*
- *Designing strategies for teaching and research in soils and water department.*
- *Evaluating student through oral, practical and written exams.*
- *Participating in preparation, development, writing and revising practical and theoretical courses notes in soil department.*
- *Attending seminars which are held in weekly bases.*

***Research:**

- *Conducting scientific research associated with many national research centers.*

3- Assistant Professor of Soil Science, Soils Dept., Benha Univ., 2001 - 2007.

➤ **Responsibilities:**

- *Teaching under-graduate and post-graduate courses related to soil science.*
- *Supervising the scientific research of the post-graduate students (M.Sc. level) Appendix 2.*
- *Evaluating student through oral, practical and written exams.*
- *Participating in preparation, development, writing and revising practical and theoretical courses notes in soil department.*
- *Attending seminars which are held in weekly bases.*

***Research:**

- *Conducting scientific research associated with many national research centers.*

4 - Lecturer of Soil Science, Soils Dept., Zagazig Univ., 1996-2001.

➤ **Responsibilities:**

- *Teaching under-graduate students the practical parts of courses related to Soil fundamentals, Plant Nutrition , Soil Fertility , Soil Physics , Soil chemistry, Soil Mineralogy.....etc.*
- *One of the team in charge of analysis of soil and plant tissues in soils department.*

***Research:**

- *Participating in the scientific research activities of the soils department.*
- *Conduct my PhD research titled 'Nutrients availability in soils in relation to the different methods of extraction Fe, Mn, Zn and Cu'*
- *Gained a scholarship which allowed me to do the practicable part of my PhD abroad, where I went to Braunschweig University in Germany from 1998 to 2001.*

5-Demonstrator of Soil Science, Soils Dept., Zagazig Univ., 1992- 1996.

➤ **Responsibilities:**

- *Demonstrating the practical part of the courses which is taken in soils department such as Plant Nutrition, Soil Fertility, Soil Physics, Soil Mineralogy.....etc.*
- *One of the team in charge of analysis of soil and plant tissues in soil department.*
- *Participating in the summer training for students in my faculty to prepare them for working in the market place.*

***Research:**

- *Conduct my Masters research titled 'Effect of surfaces on retention and release of some essential nutrients'*

Languages:-

- 1- *Arabic (Mother language).*
- 2- *English (very good).*
- 2- *German (good).*
- 3-

IT Skills:-

I have gained the international Computer Driving License (ICDL) version 4 serial number EGY000185265- also I have special skills in computer software application programs including SPSS and Origin.

Membership:-

Member of the:-

- 1) The Egyptian National Committee of Soil Science 2013-2016.*
- 2) Egyptian Society of Soil Science.*
- 3) Agricultural Chemistry & Environment Protection Society.*

Postdoctoral fellowship:-

I have got a Postdoctoral Fellowship in Julius Kuhn-Institute (JKI), Germany for six months from 10/12/2013.

Educational activities:-

Teaching:-

Participating with other staff members in my department in teaching and developing courses and programmes to meet market demands.

1- Undergraduate phase:-

- Soil fundamentals.*
- Plant nutrition.*
- Chemistry of soil organic matter.*
- Analysis of soil and water.*
- Soil reclamation.*
- Soil fertility and fertilizers.*

2- Post graduate phase:-

- Advanced Soil chemistry.*
- The relations between soil, water and plants.*
- Soilless agriculture.*
- Advanced soil fertility.*
- Soil amendments and environment quality.*
- Advanced chemistry of soil organic matter.*
- Chemistry of micronutrients in soils.*

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- *Design and analysis of soil's experiments.*
- *Advanced Soil reclamation.*
- *Pollution of soils and water.*

➤ *Contribution in developing higher education in the field of specialty:-*

- *Participating in preparation, development, writing and revising practical and theoretical courses notes in soil and water department.*

➤ *Other educational activities:-*

- *Contributing efficiently in seminars which are held in soil department in a weekly base.*
- *Supervising undergraduate student in summer training.*
- *Evaluating student through oral, practical and written exams.*
- *Designing some courses specification.*

Interested research areas:-

- *Bio. and chemical remediation of soils.*
- *Chemistry behaviour of nutrients in soils and plants.*
- *Effect of nutrients form (organic, bio. and chemical) on yield quality of plants.*
- *Clean agriculture and its impact on environment.*
- *Soil and water Pollution.*

Scientific and implemented activities:-

➤ *Published papers:-*

- *Many of scientific papers have been published in different periodicals, scientific journals, national and international conferences. Check next links:-*

https://www.researchgate.net/profile/Haythm_Salem

<https://scholar.google.com.eg/citations?user=qECcovgAAAAJ&hl=en>

➤ **Published books and chapters:-**

- *A book under the title of "Fe, Mn, Zn and Cu extractability and availability in Egyptian soils" was published with ISBN 987-3-8484-0473-5*
Check next link:-

<https://www.morebooks.de/store/gb/book/fe,-mn,-zn-and-cu-extractability-and-availability-in-egyptian-soils/isbn/978-3-8484-0473-5>

- *A chapter titled "Phytochemical Removal of Heavy Metal – Contaminated Soils" in a book titled "Heavy Metals Contamination of Soils" which published by Springer International Publishing.*

DOI 10.1007/978-3-319-14526-6_16

Print ISBN 978-3-319-14525-9

Online ISBN 978-3-319-14526-6

Check next link:-

http://link.springer.com/chapter/10.1007/978-3-319-14526-6_16

- *A chapter titled "Soil xenobiotics and their phyto-chemical remediation" in a book titled "Xenobiotics in the Soil Environment" which published by Springer International Publishing.*

DOI 10.1007/978-3-319-47744-2

Print ISBN 978-3-319-47743-5

Online ISBN 978-3-319-47744-2

Check next link:-

<http://www.springer.com/in/book/9783319477435>

➤ **Reviewer for the next journals:-**

1- International Journal of Applied and Natural Sciences (IJANS). Check next link:-

<http://www.iaset.us/journals.php?jtype=2&id=73&details=editors>

2-Egyptian Journal of Soil Science. Check next link:-

<http://ejss.js.iknito.com/>

3- *Journal of Nuclear Technology in Applied Science (JNTAS)*. Check next link:-

<http://www.esrsaeg.net/jboard.html>

4- *J. of Soil Sciences and Agricultural Engineering, Mansoura University*. Check next link:-

<http://agrfac.mans.edu.eg/en/projects-research/scientific-journal>

➤ *A member of the lists of arbitrators to examine the scientific production for positions of professors and assistant professors - the Supreme Council of Universities, Egypt.*

➤ *Supervised theses:-*

- *Supervised more than doctoral and master's theses till now, check next link:-*

<http://www.bu.edu.eg/staff/haythumsalem6>

➤ *Conferences, workshops and seminars:-*

- *Attending "agriculture development in Arab region problems and solutions" conference- Assiut university form 20-22 Jan 2004- participating with a paper.*
- *Attending and publishing a paper in the 7th conference of Egyptian society of soil science titled "new approaches in soil technology" which held in Egyptian international agriculture centre. From 27-28/12/2004.*
- *Attending in the 1st workshop of Agriculture Chemistry & Environmental Protection Society titled "Bird flue between defiance and protection" which held in conferences hall of agriculture faculty – Ain Shams University. Egypt. From 13-14 /2 / 2006.*
- *Attending in the 1st conference of Agriculture Chemistry & Environmental Protection Society titled "Clean environment and safe food" which held in guest house of Ain Shams University. Egypt. From 5-7 /12 / 2006.*
- *Attending and participating with a paper in Arabic conference titled "Soil and Water Management for Sustainable Agriculture Development" which held in faculty of agriculture – Mansoura University- Egypt. From 10-11/4/2007.*

- *Attending in conference of "Developing of information and communication systems" which held by Ministry of higher education in main hall of conferences. Egypt. 2007*
- *Attending in an intensive workshop titled "Design and analysis of research experiments" which held in Arab Council for Graduate Studies and Scientific Research – Union of Arab Universities- From 15-17/12 2007.*
- *Attending in the 2nd conference of Agriculture Chemistry & Environmental Protection Society titled "Climatic changes and its impacts on health and environment" which held in guest house of Ain Shams University. Egypt. From 25-28 /3 / 2008.*
- *Attending in the 1st conference of National Authority for Quality Assurance & Accreditation of Education - Egypt titled "Standard references and the way towards quality and accreditation" which held in conferences centre of Al-Azhr University. Egypt. From 21-22 /6 / 2008.*
- *Attending and participating with a paper in 17th conference of International Scientific Centre of Fertilizers titled "Plant nutrient management under stress condition" which held in National research centre - Egypt. From 24-27 /11 / 2009.*
- *Attending a training course titled "Biogas Technology, Rural Energy and Environmental Protection for Developing Countries" which held in P.R. China from May 5th to June 15th, 2016.*
- *Attending and participating with a paper in International Conference on Plant Nutrition and Soil Science (PNSS2016) which held from August 24 to 26, 2016 in Xi'an, China.*
- *Attending in a workshop titled "Nanotechnology revolution of scientific research (Knowledge ... Challenges ... Applications)" which held at 15th November, 2016 in National Research Centre, Cairo.*

➤ **Participating in discussing and examining theses:-**

- *Participated in examining and discussing 32 doctoral, master's theses and qualifying committees till now.*

➤ **Training courses for developing the skills of staff members and IT courses:-**

- *Successfully completed training course titled "Methods of scientific research" which was held in Benha University from 5-7/12/2004.*
- *Successfully completed training course titled "Code of ethics" which was held in Benha University from 12-13/12/2004.*
- *Successfully completed training course titled "Course Design" which was held in Benha University from 27-28/3/2006.*
- *Successfully completed training course titled "Teaching for micro and macro secessions" which was held in Benha University from 3-5/4/2006.*
- *Successfully completed training course titled "Scientific research management 1" which was held in Benha University from 22-26/4/2006.*
- *Successfully completed training course titled "The basic concepts of information technology" which was held in Benha University from 6-8/5/2006.*
- *Successfully completed training course titled "Windows" which was held in Benha University from 13-15/5/2006.*
- *Successfully completed training course titled "Word" which was held in Benha University from 20-25/5/2006.*
- *Successfully completed training course titled "Excel" which was held in Benha University from 17-19/6/2006.*
- *Successfully completed training course titled "Access" which was held in Benha University from 24-26/6/2006.*
- *Successfully completed training course titled "PowerPoint" which was held in Benha University from 18-20/7/2006.*
- *Successfully completed training course titled "Internet and outlook" which was held in Benha University from 8-10/8/2006.*

- *Successfully completed training course titled "Maintenance of computer" which was held in Benha University from 11-12/9/2006.*
- *Successfully completed training course titled "Financial and legal aspects in universities" which held in Benha University from 1-3/4/2008.*
- *Successfully completed training course titled "Competitive research projects" which was held in Benha University from 22-24/4/2008.*
- *Successfully completed training course titled "Scientific research management 2" which was held in Benha University from 22-26/4/2008.*
- *Successfully completed training course titled "Quality standards in education process" which was held in Benha University from 8-10/7/2008.*
- *Successfully completed training course titled "Organizing of scientific conferences" which was held in Benha University from 15-17/7/2008.*
- *Successfully completed training course titled "Advanced Word" which was held in Benha University from 1-3/10/2012.*

➤ ***Training courses in quality assurance, development and academic accreditation for higher educational institutions:-***

- *Successfully completed the requirements of training program titled "Preparation of internal auditors" which was held in faculty of agriculture -Benha University - from 24-25/6/2009.*
- *Successfully completed the requirements of training course titled "Self evaluation for higher educational institutions" which held in National Authority for Quality Assurance & Accreditation of Education (NAQAAE) – Egypt. From 17-21/1/2010.*

- *Successfully completed the requirements of training course titled "External auditing for the higher educational institutions" which was held in National Authority for Quality Assurance & Accreditation of Education (NAQAAE) – Egypt. From 13-17/2/2010.*
- *Successfully completed the requirements of training course titled "Learning outcomes and curriculum maps – higher education" which was held in National Authority for Quality Assurance & Accreditation of Education (NAQAAE) – Egypt. From 21-25/2/2010.*
- *Successfully completed the requirements of an intensive training course titled "Strategic planning for higher education institutions" which was held in Benha University – Egypt. From 18-19/7/2010.*
- *Successfully completed the requirements of an intensive training course titled "Academic standards for higher education" which was held in Benha University – Egypt. From 1-3/8/2010.*
- *Successfully completed the requirements of training course titled "Practices and supporting documents for higher educational institutions" which was held in National Authority for Quality Assurance & Accreditation of Education (NAQAAE) – Egypt. From 19-20/12/2010.*
- *Successfully completed the requirements of training course titled "Training Of Trainers (TOT)" which was held in Benha Uniresity in cooperation with centre for advancement of postgraduate studies and research faculty of engineering, Cairo University (CAPSCU) – Egypt From 18-22/9/2011.*
- *Attendance and participation in the regional DIES-Seminar which was held by DAAD and ANQAHE under title of "Quality Assurance in*

Research – Ethics and Science”. May 26th and 27th, 2013 – Four Seasons Hotel, Cairo, Egypt.

- *Successfully completed the requirements of training course titled "Training Of Trainers (TOT) - beginners -" which was held in National Authority for Quality Assurance & Accreditation of Education (NAQAAE) – Egypt. From 15-18/02/2016.*

➤ *Positions and activities in the field of quality assurance, development and academic accreditation for higher educational institutions:-*

- *Vice Unit Director of Quality Assurance and Accreditation (for Accreditation & D) at the Faculty of Agriculture - Benha University 2014/2015, 2015/2016.*

-Responsibilities:

Preparation of the accreditation files to apply for accreditation.

- *Member of quality assurance and accreditation center of Benha University 2013/2014.*

-Responsibilities:

- 1- Technical support and following up the units of quality assurance and accreditation of Benha University faculties.*
- 2- Following up development of educational programs and academic standards for undergraduate and postgraduate of Benha University faculties.*

- *Board member of quality assurance and accreditation unit in faculty of agriculture – Benha University 2012/2013.*

-Responsibilities:

- 1- Developing internal quality assurance system for faculty of agriculture – Benha University.*
- 2- Contributing efficiently in qualification my faculty for Accreditation.*
- 3- Designing training programs for faculty staff members and their assistants on the different aspects of improving the*

quality of teaching and learning, scientific research and community services.

4- Acting as an internal peer reviewer in different faculties of Benha University.

- A trainer in Information and Communication Technology Project (ICTP).*
- A trainer in Pathways to Higher Education Project (PHEP).*
- Active member in the management team of Continuous Improvement and Qualification for Accreditation Project (CIQAP) in faculty of agriculture – Benha University 2010/2013.*
- An implementation team member of the Development of Students Assessment Systems Project (DSASP) in Benha University 2010/2012.*
- A member of internal auditing committee in Benha University 2010.*

internal auditing missions in Benha university				
Mission		Period	Subject	Faculty
Team member	Team head			
√		One day 12/12/2010	Technical support visit authorized by quality assurance center in Benha university.	Medicine
√		One day 15/12/2010	Technical support visit authorized by quality assurance unit in Benha university.	Engineering
√		One day 21/12/2010	Technical support visit authorized by quality assurance unit in Benha university.	Computing and Information

- *Peer reviewer in supreme council of universities – Egypt - Continuous Improvement and Qualification for Accreditation Projects (CIQAP).*

Participating as peer reviewer for institutions of higher education in Egypt					
Mission		Period	Subject	Faculty	University
Team member	Team head				
√		Two days 4-5/4/2012	Technical support for CIQAP projects.	Environmental Agricultural sciences	Suez-Canal
√		One day 25/9/2012	Technical support for CIQAP projects	Environmental Agricultural sciences	Suez-Canal
√		Two days 2-3/3/2013	Delivery and receipt the outputs of CIQAP.	Environmental Agricultural sciences	Suez-Canal

- *A member of internal auditing committee in the faculty of agriculture – Benha University 2011/2013.*
- *A member of strategic planning team in my faculty (the team is 6 members) 2010/2013.*
- *Head of the internal committee for quality and accreditation in soils and water department 2010/2013.*
- *Coordinator of soils M.SC program.*
- *Coordinator of many under and post graduate courses in soils and water department.*
- *A member of environment and society service committee from 2007 to 2012.*

- *A member of cultural relations and research committee from 2009 to 2010.*
- *A member of the Faculty Council 2013/2014 and 2014/2015.*
- *A member of student affairs committee from 2015/2016.*

❖ **Conference :**

Attending fist international conference held by National Authority for Quality Assurance and Accreditation of Education (NAQAAE) titled “standards and the way towards quality and accreditation” in Al-Azhar conference unit from 21/06/2008 to 22/06/2008.

➤ *Participating in workshops which held by quality assurance and accreditation unit in faculty of agriculture – Benha University:-*

No.	The period of the workshop		The title of the workshop	Type of participation:-
	from	to		
1	11/11/2006	11/11/2006	The mission and the vision of our faculty.	Trainee
2	22/11/2006	22/11/2006	Course specification.	Trainee
3	29/11/2006	29/11/2006	Strength, opportunities, weakness and threats for our faculty.	Trainee
4	22/1/2007	22/1/2007	Program specification.	Trainee
5	8/3/2007	8/3/2007	Strategic plan.	Trainee
6	23/6/2007	23/6/2007	Course report.	Trainee
7	23/4/2008	23/4/2008	Student assessment – External evaluator.	Trainee
8	30/4/2008	30/4/2008	Academic standards – quality concept in postgraduate.	Trainee
9	16/6/2008	16/6/2008	Program specification for undergraduate (1).	Trainee
10	23/6/2008	23/6/2008	Program specification for undergraduate (2).	Trainee
11	28/7/2008	28/7/2008	Program specification for postgraduate (1).	Trainee
12	17/9/2008	17/9/2008	Program specification for postgraduate (2).	Trainee
13	5/4/2009	5/4/2009	Strategic goals of our faculty.	Trainee
14	20/8/2009	20/8/2009	Course report for postgraduate programs.	Trainee

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15	20/3/2010	20/3/2010	<i>Orientation with Program of Continuous Improvement and Qualification for Accreditation Project CIQAP.</i>	<i>Trainee</i>
16	23/3/2010	23/3/2010	<i>Work basics for CIQAP outputs.</i>	<i>Leader of a team</i>
17	17/5/2010	17/5/2010	<i>Programs and courses specification according to new curriculums.</i>	<i>Program coordinator</i>
18	18/5/2010	18/5/2010	<i>Orientation with Development of Students Assessment Systems Project.</i>	<i>Implementation team member</i>
19	28/6/2010	28/6/2010	<i>Exam paper criteria.</i>	<i>Implementation team member</i>
20	30/6/2010	30/6/2010	<i>Skills wanted by stakeholders for students.</i>	<i>Implementation team member</i>
21	06/7/2010	08/7/2010	<i>Strategic plan for higher education institutions.</i>	<i>Trainer</i>
22	11/7/2010	13/7/2010	<i>National Academic References Standard NARS.</i>	<i>Trainer</i>
23	01/8/2010	08/9/2010	<i>Computer courses for employees and administrators.</i>	<i>Supervisor</i>
24	31/10/2010	02/11/2010	<i>Accreditation criteria for higher education institutions.</i>	<i>Trainer</i>
25	19/12/2010	21/12/2010	<i>Teaching and learning strategies.</i>	<i>Trainer</i>
26	22/12/2010	06/01/2011	<i>Preparing electronic files and communications via internet.</i>	<i>Supervisor</i>
27	14/5/2011	16/5/2011	<i>Using central laboratory instruments.</i>	<i>Supervisor</i>
28	18/5/2011	18/5/2011	<i>Training on using smart board.</i>	<i>Supervisor</i>
29	25/5/2011	25/5/2011	<i>Accreditation criteria for higher education institutions.</i>	<i>Trainer</i>
30	19/10/2011	19/10/2011	<i>Academic guidance.</i>	<i>Trainer</i>

➤ Collage activities:-

- *A leader of many students groups of Benha University in institute for leader preparing (Helwan).*
- *I have got a certificate as the best leader in institute for leader preparing (Helwan) from 10-15/7/2009.*

➤ Trade unions, NGOs (nongovernmental organization) and public action:-

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- *Head of agriculture committee in local people council, Meet-Ghamer district, Dakahlya, Egypt from 2008 to 2011.*

Last update 01/12/2016