



## Olfat Shaban Hassan Abo Shahin.

### Associate Professor

Agricultural Economic, extension and rural development Department,  
Faculty of Agriculture, Damanhour University,  
Damanhour, El Beheira, Egypt

**Date of Birth:** 10/04/1989  
**Place of Birth:** El Beheira, Egypt  
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**Google Scholar**

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**ResearchGate Link**

[Olfat ABO SHAHIN | Lecturer | Doctor of Agricultural Extension | Damanhour University, Damanhūr | Agriculture extension | Research profile \(researchgate.net\)](#)

**Linkedin link**

[https://www.linkedin.com/in/olfat-shahin-754599201?utm\\_source=share&utm\\_campaign=share\\_via&utm\\_content=profile&utm\\_medium=android\\_app](https://www.linkedin.com/in/olfat-shahin-754599201?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

### Academic Summary

"An Assistant Professor of Agricultural Extension at Damanhour University and a certified trainer at the Leadership Development Center for Faculty Members and Leaders at Damanhour



University. I have more than 15 years of experience in university teaching, training, and academic supervision. My research focuses on agricultural extension, sustainable development, climate-smart agriculture, and agricultural risk management, with particular emphasis on empowering rural women and developing graduates' skills. I regularly participate in scientific conferences, specialized seminars, and professional development activities, and I contribute to community engagement and raising awareness of agricultural development issues. I strive to apply scientific knowledge and modern technologies to support the sustainability of the agricultural sector and improve the quality of life in rural communities."

### **Academic qualifications**

- **B.Sc. (2010):** Agricultural Economic, extension and rural development Dept, Faculty of Agriculture, Damanshour Branch, Alexandria University, Egypt.
- **M.Sc. (2016):** In Agriculture extension, Faculty of Agriculture, Damanshour University, Egypt. Thesis Title: "Current and prospective role of agricultural extension under condition of climate change in Behiera Governorate.
- **PhD. (2020):** In Agriculture extension, Faculty of Agriculture, Damanshour University, Egypt. Thesis Title: "Planning of Extension Program to Promote the Cultivation of Vegetables under Greenhouses in Bustan zone, Behira Governorate.

### **Career progression**

- Demonstrator (2012 –2016): Agricultural Economic, extension and rural development Department (Agriculture extension), Faculty of Agriculture, Damanshour University, Egypt.
- Assistant Lecturer (2016 –2020): Agricultural Economic, extension and rural development Department (Agriculture extension), Faculty of Agriculture, Damanshour University, Egypt.
- Assistant Professor (2020 –2025): Agricultural Economic, extension and rural development Department (Agriculture extension) department, Faculty of Agriculture, Damanshour University, Egypt.



- Associate Professor (2025- present): Agricultural Economic, extension and rural development Department (Agriculture extension) department, Faculty of Agriculture, Damanhour University, Egypt.

### **Participation in conferences and Workshops Statement**

- Trainer Preparation Course from the Supreme Council of Universities 2024
- **Intensive Media Buying Training Program**, during June and July 2025, organized by **SPRINTS** Foundation in collaboration with the National Council for Women.
- **Intensive Digital Marketing Training Program**, during April and May 2025, organized by **SPRINTS** Foundation in collaboration with the National Council for Women.
- **Forward Program by McKinsey.org – Core Skills Level**  
*Program Completed October-December 2025*  
Successfully completed the Core Skills Level of the Forward Program offered by McKinsey.org, which includes developing skills in problem-solving, adaptability and resilience, critical thinking, leadership, digital skills, effective communication, personal effectiveness, and modern competencies required in today's job market. I also earned the official digital badge for completing this level.
- (ITIDA Gigs)2025 for 3 months organized by ITIDA & E Youth, freelance training program to have the required skills to be a freelancer.
- Digital Marketing Specialist for 6 months, organized by the Digital Egypt Pioneers Initiative, as part of a scholarship provided by the Egyptian Ministry of Communications.
- Sprints Content Writing Course, April 2026
- **Statistical Analysis Course 8/25-30/2020 - Faculty of Physical Education - Alexandria University.**
- **Financial evaluation of soilless farming systems for some vegetable crops - 12/22/2020 - the sixteenth symposium of the Agricultural Economists Forum.**
- **Microsoft one drive - 11/26/2020 – IFAD.**
- **Preparing exams using Microsoft forms program 11/23/2020-IFAD.**



- **Sustainable Agriculture and Environment** - The Seventh International Conference on Sustainable Agriculture and the Environment- 27/Z/2020.
- **Egyptian Deserts Between Reality and Expectation** - 10/8/2020- Agricultural Forum.
- **Methods of linking the results of scientific research to previous studies** 11/21/2020 – IFAD.
- **SPSS" Essential of Statistical Analysis Using SPSS"-** 26/10/2020- Scientific institute for Advanced training and studies-Malaysia.
- **Scientific Article Writing: proceeding and Principles** -16/11/2020 - Scientific institute for Advanced training and studies-Malaysia.
- **Foundations for building question banks** - 9/22/2020 - College of Education for Humanities - University of Mosul – Iraq.
- **Scientific research writing course**, Higher Institute for Development Studies and Training - 11/16/2020 – Malaysia.
- **Methods of evaluating scientific journals** - 10/21/2020 – IFAD.
- **Classroom management problems and strategies - proposals and solutions** - 10/19/2020 – IFAD.
- **Classroom management problems and strategies - suggestions and solutions**, 29/10/2020 - IFAD.
- **Methods of evaluating scientific journals**, 31/10/2020 – IFAD.
- **Statistical stages in scientific research** - December 2020 - IFAD.
- **Scientific research in selecting the topic for publication** - November 2020 - IFAD.
- **Introduction to statistical analysis using SPSS** - Academic Center for Scientific Publishing and Conferences- Malaysia.
- **The First International Conference “Scientific Research in Light of the Corona Pandemic: Reality and Hopes”** 12/30/28/2020 - IFAD Platform and the International Foundation for Academic Fluorine in the United Kingdom.
- **Human Resources Motivation Strategy** - 12/14/2020 - IFAD.
- **The role of scientific institutions in supporting scientific research**, 17/7/2021 - IFAD.
- **Physical properties of soil and its relationship to water management**, 4/9/2021 - Scientific Council of Delta Water Foundation for Water Treatment with Magnetic Technology.
- **Strategies for using irrigation water in the agricultural sector under current conditions and the role of using magnetic treatment techniques**



**in raising the efficiency of water use**, 5/11/2021 - Scientific Council of Delta Water Foundation for Water Treatment with Magnetic Technology.

- **Sustainable Development Curriculum**, 27-3-2022, National Research Center.
- **The impact of climate change on water resources in Egypt and the Arab world, and mitigating and adapting to this impact**, 6/8/2022 - Scientific Council of the Delta Water Foundation for Water Treatment with Magnetic Technology.
- **Medicinal plants and the best safe ways to use them**, 2/9/2022 - Scientific Council of Delta Water Foundation for Water Treatment with Magnetic Technology.
- **The effects of climate change on Water**, 10/9/2022 - Ain Al-Biea Association in cooperation with the Ministry of Environment to implement the activities of the National Dialogue on Climate Change.
- **The effects of climate change on Egyptian agriculture**, 11/9/2022 - Ain Al-Biea Association in cooperation with the Ministry of Environment to implement the activities of the National Dialogue on Climate Change.
- **The effects of climate change on achieving sustainable development Aims**, 14/9/2022 - Ain Al-Biea Association in cooperation with the Ministry of Environment to implement the activities of the National Dialogue on Climate Change.
- **The effects of climate change on Woman**, 2/10/2022 - Ain Al-Biea Association in cooperation with the Ministry of Environment to implement the activities of the National Dialogue on Climate Change.
- **Skills in using the statistical analysis program SPSS**, 2/3/2023 - IFAD.
- **The use of artificial intelligence techniques in permitted and prohibited scientific research**, 2/8/2023 - IFAD.
- **Foundations and rules for formulating titles for joint scientific research** 4/8/2023 - Journal of Media and Social Sciences for Specialized Research, Malaysian Institute of Science and Development.
- **Nanotechnology and its Applications**, 31/8/2023 – International Journal of Natural Sciences and Nanotechnology, Malaysian Institute of Science and Development.
- **Brainstorming methodology in determining scientific research titles**, 12/9/2023 - Journal of Human Development and Education for Specialized Research, Malaysian Institute of Science and Development.
- **Means of using artificial intelligence in scientific research projects**, 15/9/2023 - Journal of Media and Social Sciences for Specialized Research, Malaysian Institute of Science and Development.
- **Artificial Intelligence techniques in Scientific Research**, 2-8-2023, IFAD Platform.
- The Third International Conference “Challenges of Scientific Research and Modern Trends in the Humanities and Applied Sciences” 17-19/9/2023 - Komar University of Science and Technology - Sulaymaniyah - Iraq, and Ifad Scientific Academy.



- **Methods of acquiring and developing research skills for joint scientific works**, 22/10/2023 - Journal of Media and Social Sciences for Specialized Research, Malaysian Institute of Science and Development.
- **International scientific publication in peer-reviewed journals**, 4/25/2024 - Journal of Media and Social Sciences for Specialized Research, Malaysian Institute of Science and Development.
- **Using the artificial intelligence tool Scobot in developing scientific research**, 18/5/2024 - Journal of Human Development and Education for Specialized Research, Malaysian Institute of Science and Development.
- **“Water Ambassadors” Intensive Training Program”** 20 training hours, June 2024, Regional Training Center for Water Resources and Irrigation, Ministry of Water Resources and Irrigation and Engineers for Sustainable Egypt Foundation.
- **“Climate Ambassadors” Intensive Training Program ”**20 training hours, July 2024, Regional Training Center for Water Resources and Irrigation, Ministry of Water Resources and Irrigation and Engineers for Sustainable Egypt Foundation.
- **Artificial Intelligence Tools and Their Role in Enhancing Scientific Research**, 6-12-2024, Ureed Scientific Platform for Arabic-Speaking Scientists, Experts, and Researchers
- **Academic Leadership Diploma**, January 15–19, 2025, Malaysian Institute of Science and Development, Malaysia.
- **Optimal use of artificial intelligence applications in scientific research**, 27-1-2025, Future Scientific platform
- **Sample Size Calculation Statistically**, 7-2-2025, Future Scientific platform.
- **Climate Change and Agricultural Entrepreneurship**, Greenstis Foundation, February 14, 2025.



## **Teaching activities statement**

**Teaching some of the courses required for undergraduate, postgraduate and integrated education students, including:**

- Principles of agricultural extension
- Agricultural economic extension
- Agricultural extension programs and projects
- Agricultural extension exhibitions
- Planning and evaluating extension activities
- Hearing and visual aids.
- Selected topics in agricultural education and extension
- Agricultural extension curricula
- The basics of managing extension work
- Agricultural extension and rural development.
- Research methods in agricultural extension
- Analyze existing guidance problems
- Mass communication and public opinion
- Comparative heuristic methods
- Methods of research and writing the thesis
- Leadership in extension work
- Managing the extension facility
- Comparative guidance systems

## **Academic Supervision**

- Academic supervision of groups of students, academic years 1, 2, 3, 4.
- Supervision of Graduation Project Groups for Fourth Year Students Majoring in Agricultural Extension.



- Academic Supervision for Postgraduate Students 2 master's and PhD Students in Agricultural Extension.
- Supervision of Scientific Theses for Postgraduate, 5 master's Students and 3 PhD Students, and a PhD student at the Institute of Environmental and Desert Studies, Damanhour University.

### **Scientific publications statement**

**Participate in reviewing and editing the following books in collaboration with faculty members in the department:**

- Basics of agricultural extension (Blended Learning)
- Principles of agricultural extension
- Leadership in extension work
- Planning agricultural extension programs
- Agricultural economic extension
- Agricultural extension programs and projects
- Agricultural extension aids
- Communication in agricultural extension

### **Published scientific research Statement**

1. Olfat. S. H. Shahin. (2016). The current and prospective role of agricultural extension under the condition of climate change in Behiera Governorate. Master science thesis, Faculty of agriculture, Damanhour university.
2. El-Zarka. Z. M, A. A.A. Fayed, O. S. H. Shahin. (2015). Current and prospective role of agricultural extension under condition of climate change in Behiera Governorate. J. Agric & Env. Sci. DAM. Univ., Egypt12(3) :26-52.
3. Olfat. S. H. Shahin, El-Zarka. Z. M, A. A.A. Fayed, 2020. current and prospective role of agricultural extension in the cultivation of vegetables under greenhouses in el-bustan area, behira governorate. Arab Universities Journal of Agricultural Sciences 28 (1), 17-33  
DOI: [10.21608/AJS.2020.22807.1156](https://doi.org/10.21608/AJS.2020.22807.1156)



4. Olfat. S. H. Shahin. 2020. Planning of Extension Program to Promote the Cultivation of Vegetables under Greenhouses in Bustan zone, Behira Governorate. PhD science thesis, Faculty of agriculture, Damanhour University.
5. Harhash. M. E and O.S. Shahin. 2021. The status of farmers' adoption of some recycling techniques for secondary products of the most important main crops In Some Villages in Beheira Governorate. Journal of the Advances in Agricultural Research 26 (4), 255-274  
DOI: [10.21608/jalexu.2021.102320.1016](https://doi.org/10.21608/jalexu.2021.102320.1016)
6. Fayed. A. A and Shahin. O. S. H. 2021. Planning of Extension Program for The Maintenance and Improvement of Agricultural Lands in Beheira Governorate. Alexandria Science Exchange Journal 42 (3), 1741-1767  
DOI: [10.21608/ASEJAIQJSAE.2021.194872](https://doi.org/10.21608/ASEJAIQJSAE.2021.194872)
7. Ghaly.S, A. Mahmoud and O. S. Shahin. 2022. Rural Women's Behavior towards Food Safety and Quality at Damanhour District, Beheira Governorate. Alexandria Science Exchange Journal 43(4): 1233-1254.  
DOI: [10.21608/ASEJAIQJSAE.2022.268006](https://doi.org/10.21608/ASEJAIQJSAE.2022.268006)
8. Abo Shahin.O.2023. Requirements for Agricultural Business Entrepreneurship Education among University Youth at the College of Agriculture and their Attitudes Toward Business Incubators, Journal of Agriculture Economics and Social Sciences. 14 (11) November 2023, Page 717-725.  
DOI: [10.21608/JAESS.2023.241123.1247](https://doi.org/10.21608/JAESS.2023.241123.1247)
9. Ibrahim.sh, Fayed.A, Harhash.M, Shahin, O.2024. Digital Agricultural Extension Reality According to The Visions of Agricultural Extension Workers in Beheira Governorate. J. Agric. & Env. Sci. (Damanhour University), 23(1): 259-282  
DOI: [10.21608/JAESJ.2024.265218.1149](https://doi.org/10.21608/JAESJ.2024.265218.1149)
10. Abo Shahin. O, Adss. I, Elgwely, S. 2024. The knowledge and implementation gap of potato farmers to control potato brown rot disease and their attitude towards exporting in the countryside of Behiera Governorate. Assiut Journal of Agricultural Sciences.55(3)  
DOI: [10.21608/ajas.2024.292050.1363](https://doi.org/10.21608/ajas.2024.292050.1363)
11. Abo Shahin, O. S. H. (2025). Requirements for Agricultural Extension Work Towards Promoting Digital and Climate-Smart Agriculture Techniques and Practices in Beheira Governorate. Assiut Journal of Agricultural Sciences (AJAS), 56(1): 328-346.  
[10.21608/ajas.2025.332942.1421](https://doi.org/10.21608/ajas.2025.332942.1421)
12. Fayed, A. Ahmed, F. A. A, Yaqoub, S. S and Abo Shahin, O. S. (2025). Economic Impact of Orange Crop Infestation by Fruit Flies and The Role of Agricultural Extension in Mitigating It



in Bustan Area, EL-Beheira Governorate. Journal of the Advances in Agricultural Research (JAAR), 30(1): 86-99. DOI: [10.21608/jalexu.2025.365375.1258](https://doi.org/10.21608/jalexu.2025.365375.1258)

13. Abo elmagd, H. Fayed, A. Ghaly, S. Shahin, O.2025. Current status of farmer's knowledge and implementation level of technical practices for the export potato crop in Kom hamada district in EL-Beheira Governorate. J. Agric. & Env. Sci. (Damanshour University), 25(1): 259-282
14. Shahin, O.S., Nassar, A.M.K., Abdel-Hakeem, N. et al. An assessment of safe use and handling of agricultural pesticides by rural women in Abu Homous district of Egypt. Int J Trop Insect Sci (2025).

<https://doi.org/10.1007/s42690-025-01682-6>

15. Rabie, Gh, Faied ,A, Mahmod, Ali, Abo Shahin, O, "The extension needs of rural women in the field of entrepreneurship in selected villages of Beheira Governorate." J. Agric. & Env. Sci. (Damanshour University), 26(1): 259-282

<https://www.doi.org/10.21608/jaesj.2026.459956.1327>

### **Sub publised Researchs**

- Abo shahin, Olfat, Elgwaily, Samir "The role of agricultural extension in post-harvest technology and supply chains of medicinal and aromatic plants." J. Agric. & Env. Sci. (Damanshour University)
- Abo Shahin, O, Nassar, A, Derhab, S, population's attetudes towards environmental sustainability, and the extent to which environmental pollution affects their mental health.
- Abo Shahin, O "Factors influencing farmers' adoption of bio-agriculture technology in Beheira Governorate."
- Abo Shahin, O "The use of digital extension methods in digital agricultural marketing and training agricultural extension agents on digital technologies in Beheira Governorate."

### **Practical experiences and community service Statement**



### **Reviewer in scientific journals:**

- Media and Social Sciences for Specialized Research Journal, Malaysian Institute of Science and Development, Malaysia
- Innovations in Humanities and Social Studies Journal, Malaysia.
- Acta Scientific Agriculture journal.
- Agricultural and Environmental Sciences Journal, Faculty of Agriculture, Damanhur University.
- Fayoum Journal of Agricultural Sciences, Faculty of Agriculture, Fayoum University.

### **Editorial board in scientific journals:**

- Deputy Director of the Journal of Media and Social Sciences for Specialized Research, Malaysian Institute of Science and Development, Malaysia

[/https://jmsssr.misd.tech](https://jmsssr.misd.tech)

(JMSSSR) - MISDمجلة الإعلام والعلوم الاجتماعية للأبحاث التخصصية

- Acta Scientific Agriculture journal.

### **Membership in scientific and social societies and scientific journals:**

- Agricultural Economics and Social Sciences Journal - Mansoura University.
- Arab Universities Journal of Agricultural Sciences -
- Scientific Exchange Journal, Faculty of Agriculture - Alexandria University.
- New Journal for Specialized Research, Saba Pasha, Alexandria.
- Agricultural and Environmental Sciences Journal, Faculty of Agriculture, Damanhur University.
- Assiut Journal of Agricultural Sciences, Faculty of Agriculture, Assiut University.

### **Membership in social societies:**



- Agricultural Professions Syndicate in Beheira.
- Scientific Society for Agricultural Extension.
- Board of Ambassadors for Governance and Digital Transformation, Engineers for Sustainable Egypt Foundation.
- Water Ambassadors, Engineers for Sustainable Egypt Foundation.

### **University Service Statement**

- Trainer at leadership development center (FLDC), Damanhour University, Egypt.
- Rapporteur of the Council of the Department of Economics and Agricultural Extension, Faculty of Agriculture, Damanhour University.
- Deputy Director of the Quality Assurance Unit, Faculty of Agriculture, Damanhour University.
- Member of the Community Service Committee, Faculty of Agriculture, Damanhour University.
- General Coordinator of the Scientific Seminar for the Department of Economics and Agricultural Extension.
- Member of the Third- & fourth-Year Control, Faculty of Agriculture, Damanhour University.
- Trainer at College of Science and Development Institute, Journal of Media and Social Sciences Specialized Research Malaysia.
- Participate in describing the academic curricula of the Agricultural Extension Division and contribute to preparing the matrix of the agricultural economic and social sciences program for the bachelor's level within the framework of developing the regulations to accredit the college.
- Preparing reports requested by the college's Quality Assurance Unit on academic courses.
- Participation in training courses and workshops related to quality assurance.
- Participation in academic guidance for undergraduate students.



- Participation in the conduct of examinations and controls at the Faculty of Agriculture, Damanhour University.
- Member of the Council of the Department of Economics, Agricultural Extension and Rural Development

### **Training courses Statement**

- 1- Training of Trainers Course (TOT)
- 2- Research Ethics Training Course.
- 3- Communication Skills Training Course.
- 4- Effective Presentation Training Course.
- 5- Research Methodology Training Course.
- 6- E-Learning.
- 7- Research Teamwork Management.
- 8- Decision-making and problem-solving.
- 9- Digital Course design Program.
- 10- Use global databases Program.
- 11- Intellectual property rights Program.
- 12- Quality standards in teaching.
- 13- Strategic Planning, Faculty of Leadership.
- 14- Anti-Corruption.
- 15- Crisis and Disaster Management.
- 16- Scientific writing and International Publishing of Scientific Research Training Course.

### **Training Institution**

leadership development center (FLDC), Damanhour University, Egypt. During the period 2012-2023.



### **LANGUAGE PROFICIENCY**

- Arabic: fluent, written and spoken.
- English: fluent, written and spoken.
- Successfully completed **TOEFL** received score 74 iBT (671 pbt) 2015.
- Deutsch: Basic.
- Frensh: Basic.

### **COMPUTER SKILLS**

- Successfully completed **ICDL**
- Good experience of computer software & hardware.
- Professional skills in Microsoft Office (Word, Excel, PowerPoint, Access, Outlook).
- Statistical analysis programs (SPSS).
- Data entry