

PERSONAL INFORMATION

Inas Aboelnasr Hashem Abdel-Hamid Othman



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Sex Female | Date of birth 12/12/1992 | Nationality Egyptian

WORK EXPERIENCE

From (Dec 2024) to present

Assistant Professor

Soils and Water Sciences Department, Faculty of Agriculture, Benha University. Benha, Egypt.

- Deliver advanced scientific lectures using modern teaching methodologies that promote critical thinking and active learning. Design, develop, and continuously update undergraduate and postgraduate curricula in alignment with academic standards. Prepare high-quality instructional materials, including course books, and multimedia presentations. Assess and evaluate student performance through diverse and rigorous assessment methods. Provide academic advising and continuous mentorship. Conduct innovative and impactful research within the field of specialization. Publish research findings in peer-reviewed international journals. Actively participate in international and local scientific conferences, presenting research outcomes.

Lead and manage research projects. Supervise undergraduate capstone projects, as well as Master's and PhD students. Organize and contribute to workshops, seminars, and academic conferences within the university. Participate in institutional quality assurance processes in accordance with accreditation standards and quality frameworks. Establish and maintain research collaborations with local and international universities and research institutions. Apply research outcomes to address real-world challenges, particularly in agriculture and environmental sustainability.

From (May 2016) to (Nov 2024)

Assistant Lecturer

Soils and Water Sciences Department, Faculty of Agriculture, Benha University. Benha, Egypt.

- Under the supervision and guidance of a senior academic member of staff, and using an established curriculum, to deliver seminars and tutorials, workshops, laboratory classes, or other small group learning activities and mark assignments, exam scripts, or other assessment materials to preset requirements.

From (Dec 2013) to (May 2016)

Teaching Assistant

Soils and Water Sciences Department, Faculty of Agriculture, Benha University. Benha, Egypt.

- Under the supervision and guidance of a senior academic member of staff, and using an established curriculum to deliver laboratory classes and mark and assess students' skills through practical assignments and class tests to preset requirements.

EDUCATION

- From (Sep 2017) to (Jun 2024) **Doctor of Philosophy (PhD.)**
College of Resources and Environment, Huazhong Agricultural University, Hubei province, Wuhan, China.
- From (Sep 2013) to (Mar 2016) **Master degree (MSc.)**
Department of Soils and Water Sciences, Faculty of Agriculture, Benha University, Egypt.
- From (Sep 2010) to (Jul 2013) **Bachelor degree (BSc.)**
Faculty of Agriculture, Benha University, Egypt.

Training Courses

- Successfully completed the **University Lecturer Preparation course** at the College of Education, Benha University 2024.
- Successfully completed the training course "**Preparing Competitive Research Projects**" held at the Faculty and Leadership Development Center (FLDC) Benha University 2024.
- Successfully completed the training course "**Organizing Scientific Conferences**" held at the Faculty and Leadership Development Center (FLDC) Benha University 2024.
- Successfully completed the training course "**Using Technology in Teaching**" held at the Faculty and Leadership Development Center (FLDC) Benha University 2024.
- Successfully completed the **Presidential leadership program (PLP)** at the National Training Academy (NTA), Egypt, 2022.
- Successfully completed a training course titled "**Crisis Management and Negotiation**" 2021 held at the National Defense College at the Military Academy for Graduate and Strategic Studies, Egypt.
- Successfully completed the training course "**Strategic Studies and National Security**" 2021 held at the National Defense College at the Military Academy for Graduate and Strategic Studies, Egypt.
- Successfully completed the training course "**Question Banks and Electronic Tests**" 2021 held at the faculty of computing and information, Benha University.
- Successfully completed training course for "**Decision Makers**" 2021 at the National Defense College at the Military Academy for Graduate and Strategic Studies, Egypt.
- Successfully completed training course for "**Thinking methods and future studies**" 2021 at the National Defense College at the Military Academy for Graduate and Strategic Studies, Egypt.
- Successfully completed a training course titled "**Electronic Sites Management**" 2016 held at the Faculty and Leadership Development Center (FLDC) Benha University.
- Successfully completed the training course "**Scientific Research Ethics**" 2016 held at the Faculty and Leadership Development Center (FLDC) Benha University.

PERSONAL SKILLS

Mother tongue(s) Arabic

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Chinese (Mandarin)	B1	A1	B1	A2	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Communication skills**
- Excellent communication skills (writing, speaking, listening and presenting) gained through my experience as an assistant professor at Benha University, Egypt.
 - Very good at Negotiating gained through studying and passing the (Crisis management and negotiation) course at National Defense College, Military Academy for Graduate and Strategic Studies, Egypt.
 - Very good at working in teams, motivation and has very good team-building skills gained through my experience as a member of the Presidential Leadership Program (PLP), and as a volunteer at HZAU volunteer centre (ISVC), Wuhan, China.
- Job-related skills**
- Able to carry out laboratory experiments independently.
 - Strong scientific writing and publishing skills.
 - Able to deliver learning activities.
 - Able to help student groups to develop their professional skills.
 - Able to continue updating knowledge and expertise and contribute to innovation and development.
- Computer skills**
- Proficient with Microsoft Word, Excel and PowerPoint.
 - Proficient with Photoshop, Graphpad prism, SPSS, Endnote and Origin lab.
 - Holding the International Computer Driving License (ICDL).
 - Holding the Fundamentals of Digital Transformation Certificate (FDTC).
- Other skills**
- Good planner, astute with finances, able to solve problems and adaptable, gained through travelling more than ten countries around the world.
 - Good leader and capable of working in groups.
- Driving licence**
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ADDITIONAL INFORMATION

- Conferences**
- Participating in organizing the Egyptian Economic Conference, New Administrative Capital, Egypt, 2022.
 - Participating in organizing the International Manufacturing Convention and Exhibition (IMCE), Al Manara International Conference Center, New Cairo, Egypt, 2022.
 - Participating in organizing the United Nations Climate Change Conference (Conference of the Parties COP27), Sharm El-Shiekh, Egypt, 2022.
 - Attended the Global Forum for Innovations in agriculture (GFIA), held at Abu Dhabi National Exhibition Centre, Abu Dhabi, UAE, 2018.
 - Participating as a speaker in the International Conference on Biotechnology Applications in Agriculture (ICBAA), Sharm El-Shiekh, Egypt, 2016.
 - Participating in organizing the Annual Scientific Conference of the Faculty of Agriculture, Benha University, Moshtohor, Egypt. 2013.
- Honours and awards**
- Two Scientific Excellence Awards for scientific research (2025, 2020) from Benha University.
 - Two International Scientific Publishing Awards (2025, 2020) from Benha University.
 - The Reference Citations Award from Benha University, 2025.

- Awarded a certificate of appreciation for my efforts as the official representative of the official campaign to support Mr. President Abdelfattah Elsisy during the Egyptian presidential elections in China 2024.
- (2) The Best Host Awards (2019, 2018) from Huazhong Agricultural University, Wuhan, China.
- Awarded the Certificate of the Bravery (Jul 2019) from (Three Gorges Bungee), Yichang, China.
- Four Academic Excellence Awards (2010, 2011, 2012, 2013) from the Faculty of Agriculture, Benha University, Egypt.

Scientific publications

- **Inas A Hashem**, Ronggui Hu, Mohamed HH Abbas, Taghred A Hashem, Muhammad Hamzah Saleem, Wenbing Zhou, and Naidong Xiao, Liquid fertilizers produced by microwave-assisted acid hydrolysis of livestock and poultry wastes and their effects on hot pepper cultivation. *Waste Management & Research*, 2024, 0734242X241227368.
- PhD Thesis titled (Study on acid hydrolysis of livestock and poultry waste for liquid fertilizer and gypsum production and their effects on plant growth and soil remediation), 2024.
- Wu H, Sun J, Zhou W, **Hashem I A**, Cai J, Xiao N. Crop effect and mechanism of amino acid-modified biomass ash in remediation of cadmium-contaminated soil. *Environmental Science and Pollution Research*, 2023, 30: 101026-101034.
- Saleem, M.H., Fahad, S., Adnan, M, **Hashem, I.A.**, *et al.* 2020. Foliar application of gibberellic acid endorsed phytoextraction of copper and alleviates oxidative stress in jute (*Corchorus capsularis* L.) plant grown in highly copper-contaminated soil of China. *Environmental Science Pollution Research* 27, 37121–37133.
- **Hashem, I.A.**, Abbas, A.Y., Abd El, A.E.N.H., Salem, H.M., El-Hosseiny, O.E., Abdel-Salam, M.A., Saleem, M.H., Zhou, W. and Hu, R., 2020. Potential of rice straw biochar, sulfur and ryegrass (*Lolium perenne* L.) in remediating soil contaminated with nickel through irrigation with untreated wastewater. *PeerJ*, 8, p.e9267.
- MSc. Thesis titled (Bio fertilization of some plant macronutrients), 2016.
- Abdel-Salam, A.A., Elhosainy, O.H., Zahra, W.R., Abdel-Salam, M.A. and **Hashem, I.A.**, 2016. Efficiency of P and K biofertilizers in utilization of soil and rock P and K by sorghum (*Sorghum bicolor*) grown on a light clay torrifluent soil. 3rd International Conference on Biotechnology Applications in Agriculture (ICBAA), Benha University, Moshtohor and Sharm El-Sheikh, 5-9 April 2016, Egypt.
- Abdel-Salam, A.A., Elhosainy, O.H., Zahra, W.R., Abdel-Salam, M.A. and **Hashem, I.A.**, 2015. NPK biofertilizers on sorghum (*Sorghum bicolor*) grown on a light clay torrifluent soil and interactions among them. *Egypt Journal Applied Sciences*, 30, pp.383-400.