



Haider Abbas Fadhel Essa Al-Maamori

حيدر عباس فاضل عيسى المعموري

Lecturer

PROFILE

ACADEMIC CURRICULUM VITAE

Dr. Haider Abbas Fadel Issa Al-Maamori

Lecturer

Department of Biology, College of Education for Pure Sciences

Wasit University, Wasit, Iraq

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Google Scholar: <https://scholar.google.com/citations?user=5ulzPs4AAAAJ>

H-index: 3

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PROFESSIONAL SUMMARY

Dr. Haider Abbas Fadel Issa Al-Maamori is a Lecturer in the Department of Biology, College of Education for Pure Sciences, Wasit University, Iraq. He earned his Ph.D. in Soil Microbiology from the University of Baghdad, graduating first in his class. His academic and research expertise focuses on soil microbiology, biofertilizers, vermicompost technology, soil fertility, plant nutrition, and sustainable agriculture. He has published 17 peer-reviewed scientific papers, including publications in Scopus-indexed journals. He has reviewed 45 scientific manuscripts, supervised postgraduate research, participated in international scientific conferences, and contributed to academic quality assurance and university committees.

PERSONAL INFORMATION

• Full Name: Dr. Haider Abbas Fadel Issa Al-Maamori

• Nationality: Iraqi

• Date of Birth: 9 July 1991

• Place of Birth: Al-Kut, Wasit, Iraq

• Current Position: Lecturer, Department of Biology, College of Education for Pure Sciences, Wasit University

• Previous Position: Scientific Researcher, Agricultural Research Directorate, Ministry of Agriculture, Iraq

• Academic Rank: Lecturer

• Qualification: Ph.D. in Soil Microbiology

EDUCATION

Ph.D. in Soil Microbiology

University of Baghdad, Iraq (2017–2020)

• GPA: 87.26%

• Ranked 1st among 15 Ph.D. students.

M.Sc. in Soil Microbiology

University of Baghdad, Iraq (2014–2016)

CONTACT

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EDUCATION

دكتوراه (08-09-2020)

Soil Microbiology

Baghdad

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	4
Citations (Scopus)	0
Citations (GS)	81
Documents (Scopus)	0
Documents (GS)	15



- GPA: 81.13%
 - Ranked 4th among 10 students.
- B.Sc. in Agricultural Sciences
Wasit University, Iraq (2009–2013)
- GPA: 76.96%
 - Ranked 5th among 36 students. =

PROFESSIONAL EXPERIENCE

Lecturer

Department of Biology, College of Education for Pure Sciences, Wasit University
2023 – Present

Responsibilities include:

- Teaching undergraduate students.
- Supervising graduation projects.
- Participating in curriculum development.
- Supporting quality assurance and academic accreditation.
- Serving on academic and administrative committees.

Scientific Researcher

Agricultural Research Directorate, Ministry of Agriculture, Iraq
2019 – 2023

Research activities included:

- Soil fertility management.
- Soil microbiology.
- Biofertilizers.
- Vermicompost technology.
- Organic fertilizers.
- Sustainable agriculture.
- Soil improvement under saline conditions.

External Lecturer

College of Agriculture, Wasit University
2016 – 2019

Taught practical laboratory courses in soil science and agricultural microbiology.

External Lecturer

Department of Biology, College of Science, Wasit University
2019 – 2020

Delivered theoretical and laboratory courses for undergraduate students.

Laboratory Assistant

College of Agriculture, Wasit University
2013–2014 and 2015–2016

Assisted in laboratory teaching and practical training.

ADMINISTRATIVE RESPONSIBILITIES

- Department Rapporteur, Department of Biology.
- Member of more than 30 permanent and temporary committees.
- Member of examination committees.
- Member of quality assurance committees.
- Member of academic accreditation committees.
- Member of scientific committees.
- Member of graduation project committees.

RESEARCH INTERESTS

- Soil Microbiology
- Agricultural Microbiology
- Biofertilizers
- Vermicompost Technology
- Soil Fertility

- Plant Nutrition
- Rhizosphere Microbiology
- Sustainable Agriculture
- Organic Fertilizers
- Plant Growth-Promoting Rhizobacteria (PGPR)
- Environmental Microbiology

RESEARCH METRICS

- Published Scientific Papers: 17
- H-index: 3
- Scientific Manuscripts Reviewed: 45
- M.Sc. Thesis Supervision: 1
- M.Sc. Thesis Examination Committees: 5
- International Scientific Conferences: 5
- Academic and Administrative Committees: More than 30
- Scientific Workshops and Training Courses Delivered: More than 30

SELECTED PUBLICATIONS

Dr. Al-Maamori has published 17 peer-reviewed scientific papers in national and international journals, including Scopus-indexed journals. His research mainly addresses soil microbiology, biofertilizers, vermicompost, soil fertility, plant nutrition, and sustainable agriculture.

Representative publications include:

- Al-Maamori, H. A., et al. (2016). The Effect of Fungi Inoculation Solubilizing Phosphate in Increasing Phosphorus Availability in Calcareous Soil and Its Concentration in *Cucumis sativus* L. *International Journal of Current Microbiology and Applied Sciences*, 5(9), 750–763.
- Al-Maamori, H. A., et al. Effect of Addition of Vermicompost, Biofertilizer and Mineral Fertilizer on the Availability of Some Nutrients in Soil and Potato Yield.
- Al-Maamori, H. A., et al. (2025). Effect of Decomposing Organic Waste on the Growth of Barley Plants under Irrigation with Saline Water. *Iraqi Journal of Agricultural Sciences*, 56(2), 935–945.

SCIENTIFIC REVIEW ACTIVITIES

- Reviewer of 45 scientific manuscripts.
- Reviewer for national and international peer-reviewed journals.
- Reviewer for Scopus-indexed journals.
- Reviewer of postgraduate research.

POSTGRADUATE SUPERVISION

- Supervisor of One M.Sc. Thesis.
- Member of Five M.Sc. Thesis Defense Committees.

SCIENTIFIC ACTIVITIES

- Delivered more than 30 scientific lectures.
- Conducted more than 30 training courses and workshops.
- Participated in scientific seminars.
- Contributed to quality assurance and accreditation activities.

CONFERENCES

Participated in Five International Scientific Conferences in Iraq, presenting research in soil microbiology, biofertilizers, vermicompost, soil fertility, and sustainable agriculture.

PROFESSIONAL SKILLS

- Soil and plant analysis.
- Isolation and identification of soil microorganisms.
- Biofertilizer production.
- Vermicompost production and evaluation.
- Experimental design and statistical analysis.
- Scientific writing and peer review.
- Microsoft Office (Word, Excel, PowerPoint).
- SPSS, GenStat, EndNote, and Mendeley.

AWARDS AND HONORS

- More than 20 Certificates of Appreciation from the President of Wasit University.
- More than 20 Certificates of Appreciation from Deans of various colleges.
- 14 Certificates of Appreciation from the Director General of the Agricultural Research Directorate.
- 10 Certificates of Appreciation from the Ministry of Higher Education and Scientific Research.
- 6 Certificates of Appreciation from the Dean of the College of Science.
- One Certificate of Appreciation from the Prime Minister of Iraq.

PATENT

Research project for a patent entitled:

Production of Organic Fertilizer from Earthworms and Their Castings to Improve Soil Fertility and Enhance Plant Growth.

PROFESSIONAL MEMBERSHIPS

- Reviewer for national and international scientific journals.
- Reviewer for Scopus-indexed journals.
- Member of academic and scientific committees.
- Participant in quality assurance and academic accreditation activities.

LANGUAGES

- Arabic: Native.
- English: Professional working proficiency.

ACADEMIC PROFILES

Google Scholar

<https://scholar.google.com/citations?user=SulzPs4AAAAJ>

Scopus Author ID

57362112300

ORCID iD

0009-0009-7352-7616

ACADEMIC TITLES

2023-08-30

Lecturer

PUBLICATIONS (15)

1. **Bioactive and Antibacterial Polycaprolactone-Coated TiO₂/Hydroxyapatite Nanocomposites Doped with Silver for Bone Implant Applications**
BioNanoScience 16 (5), 301, 2026 | 2026
2. **Bioactive and antibacterial polycaprolactone-coated TiO₂/hydroxyapatite nanocomposites doped with silver for bone implant applications**
2026
3. **Effects of the biofertilizers and organic fertilizers on certain chemical properties of soil and plants.**
Euphrates Journal of Agricultural Science 18 (2026), 350-361, 2026 | 2026
4. **Importance of the Azotobacter and Mineral Fertilizers in Plant Growth**
Al-Kunooze Scientific Journal 984 (2025), 638-649, 2025 | 2025
5. **Effect of vermicompost extract and mineral fertilizer on growth, yield of barley and some nutrients availability in the soil**
Iraqi journal of agricultural sciences 56 (2), 935-945, 2025 | 2025 | Cited: 9
6. **Effect of decomposing organic waste on the growth of barley plants under irrigation with salt water**
IOP Conference Series: Earth and Environmental Science 1371 (8), 082011, 2024 | 2024 | Cited: 2
7. **The Effect of Soil Depth and Adding Soil Conditioners on Aggregates Stability of Clay Soil by Using Drip and Surface Irrigation Systems: علوم زراعية**
Sumer Journal for Pure Science, 2024 | 2024

8. **Effects Bacterial Inoculation and organic Fertilization on Some Soil Properties and Growth of Potato Crop Role in Sustainable Agriculture**
Basrah Journal of Agricultural Sciences 37 (2), 264-275, 2024 | 2024 | Cited: 4
9. **Effect of Surface, Subsurface Drip Irrigation and Nanotechnology Perfusion Methods on Irrigation Efficiency and Saved Water Ratio in Plowed and Unplowed Soils**
IOP Conference Series: Earth and Environmental Science 1222 (1), 012028, 2023 | 2023 | Cited: 1
10. **Effect of Addition Nitrogen Fertilizer at Different Irrigation Levels on Saturated Hydraulic Conductivity by Using Two System of Irrigation**
IOP Conference Series: Earth and Environmental Science 1259 (1), 012008, 2023 | 2023
11. **Effect of vermicompost production on some soil properties and nutrients in plants**
IOP Conference Series: Earth and Environmental Science 1214 (1), 012006, 2023 | 2023 | Cited: 26
12. **Effect Irrigation Quality and Mineral Fertilization on Barley Productivity (Variety 244) and Some Nutrients Availability**
IOP Conference Series: Earth and Environmental Science 923 (1), 012071, 2021 | 2021
13. **Effect of addition of vermicompost, bio and mineral fertilizer on the availability of some nutrients in soil and potato yield.**
Iraqi Journal of Agricultural Sciences 51 (2), 644, 2020 | 2020 | Cited: 35
14. **تأثير إضافة السماد الدودي والحيوي والمعدني في بعض معايير النمو لنبات البطاطا وتركيز بعض المغذيات في النبات (Solanum Tuberosum L.)**
المجلة العراقية لعلوم التربة 19 (31 ديسمبر/كانون الأول 2019), 201-183, 2019 | 2019
15. **The effect of fungi inoculation solvent phosphate in increasing phosphorus availability in calcareous soil and its concentration in Cucumis sativus L**
Int. J. Curr. Microbiol. Appl. Sci 5, 750-763, 2016 | 2016 | Cited: 4