

PERSONAL INFORMATION



Mahmoud Hamdy Mohamed Hussein

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📅 Date of birth: 16/12/1995 | 🇪🇬 Nationality: Egyptian

Mahmoud Hamdy Mohamed

- Teaching assistant at Faculty of Agriculture, Damanshour University, Damanshour, Egypt.

- B.Sc. in Agricultural Sciences from Damanshour University, Egypt.

SUMMARY

WORK EXPERIENCE

Teaching Assistant of soil and water sciences, Department of Natural Resources and Agricultural Engineering. (03/2022 – Present)

EDUCATION

(09/2014 – 06/2018)

B.Sc. Agricultural Sciences

Soil and Water sciences, Department of Natural Resources and Agricultural Engineering, Faculty of Agriculture, Damanshour University, Damanshour, Egypt. With cumulative grade “Excellent with honor degree”.

PERSONAL SKILLS

Mother tongue (s) Arabic

Other language (s) English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B1	B1	B1	B1	B1

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

WORK Experience

- Farm Name: Green Egast.
 - Period: 01/01/2019 – 15/05/2019.
 - Position: Assistant Agronomist (Irrigation and Fertilization).
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- Farm Name: Arafa import and export company.
 - Period: 16/15/2021 – 13/7/2021.
 - Position: Agronomist (Irrigation and Fertilization).
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- Farm Name: Beed Najd Agricultural development Company.
 - Period: 1/9/2021 – present.
 - Position: Agronomist (Irrigation and Fertilization).

LABORATORY SKILLS

- Soil Chemical analysis.
 - The Electric Conductivity (EC).
 - The Soil Reaction (pH).
 - Soluble Cations (Ca, Mg, Na and K).
 - Soluble Anions (CO₃, HCO₃ and Cl).
 - Nutritional elements (N, P, K).
 - Micronutrients (Fe, Mn, Zn, Cu).
 - Calcium Carbonate.
 - Organic matter.
- Soil Physical analysis.
 - Soil water content.
 - Saturation percent.
 - Bulk density.
 - Hydraulic conductivity.

FIELD SKILLS

- A wide experience in Designing irrigation schedules and fertilization programs for a wide range of economic crops.
- A Good experience Determining water requirements of plants.
- A wide experience in dealing with the negative effect of heat stress on different types of crops.

COMPUTER SKILLS

- Very good experience in a computer software & hardware.
- Microsoft Office: Word, Excel, PowerPoint, Access.

TEACHING EXPERIENCE

I am teaching practical lessons of the following courses:

- Modern irrigation systems.
- General Physics & Meteorology.
- Survey.
- Soil Mineralogy.
- Soil, plant and water analysis.
- General Mathematics.
- Agricultural irrigation and drainage.

STUDIED RELEVANT COURSES

(ADVANCED COURSES)

- Modern irrigation systems.
- Soil Mineralogy.
- Water Relation.
- Soil chemistry.
- Soil Physics.
- Agricultural irrigation and drainage.
- Plant nutrition.
- Soil fertility.
- Agricultural drainage.
- Soil, plant and water analysis
- Computer applications in agricultural fields.
- Economics of soil and water resources.
- Soil Microbiology.
- Agricultural drainage.
- Reclamation and conservation of land resources.
- Aerial Soil Survey.
- Classification and Soil Survey.

These courses have been studied at University of Damanhour, Egypt.

REFERENCES

1) Dr. Ibrahim Nassar Nassar.

Professor of Soil and Water Sciences, Department of Natural Resources and Agricultural Engineering, College of Agricultural, Damanhour University, Damanhour, Egypt.

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2) Dr. Emad Fawzy Abdelaty.

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3) Dr. Emad Farouk Aboukila.

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4) Dr. Ahmed M. Abdallah.

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إعتماد عميد الكلية

رئيس مجلس القسم

مقدمه لسيادتكم