



Sally El-sayed El-sayed fouda

Date of birth: 1th october 1982

Nationality: Egyptian

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Job: researcher in Agricultural engineering institute.

Major: Bioengineering

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Scopus
ID

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Education

2005

The University of zagazige , Faculty of agriculture Agricultural engineering department

The degree of Bachelor of agricultural sciences(Bio-Engineering)

Graduation date : June 2005

2009

M.Sc in agricultural Sciences (Bio Engineering) The University of zagazige , Faculty of agriculture Agricultural engineering department

Date: (10/2005- 10/2009)

2016

PhD in agricultural Sciences (bio- Engineering) The University of zagazige , Faculty of agriculture Agricultural engineering department

Thesis Title: Utilization of Modern Forecasting Models for Management Egyptian Cotton Crop and its Effect of Mechanical picking.

Date: (10/2010- 9/20016)

Previous or running projects	
A research project on remote sensing and geographic information systems in agricultural crop management	Active member of the research project
A research project on Recycling agricultural waste and producing environmentally friendly bio products and biofuels	Active member of the research project

Courses in technology information

<p>Training in DACOM Company on</p>	<ul style="list-style-type: none"> • agri yield management system in your crops • Irrigation Monitoring Network Layout • Soil Moisture (Mini) Stations • ETO Climate Stations • Weather Forecast • DACOM software • Training and installation(DACOM/ plant systems for operating, installation and maintenance of the network components and probes).2011
<p>Cours on</p>	<ul style="list-style-type: none"> • GIS Data production By ArcGIS I in National project appliers of information technology and training (Apply your Knowledge) 2017 • GIS Data production By ArcGIS II I in National project appliers of information technology and training (Apply your Knowledge)2017
<p>Cours on</p>	<ul style="list-style-type: none"> • International computer Driving licence (ICDL) 2008
<p>Cours on</p>	<ul style="list-style-type: none"> • ICD preparation in Arab Academy for since and Technology community service programs

Courses	
Training in YANMAR Company on	<ul style="list-style-type: none"> • operation for Japanese Head Feed type Combine Harvester model : CA48Ex. • Periodic inspection for Japanese Head Feed type Combine Harvester model : CA48Ex. .
workshop	<ul style="list-style-type: none"> • Present and participated in workshop (future vision towards sustainable environment)
workshop	<ul style="list-style-type: none"> • Present and participated in workshop (Integration between the university and society to achieve food security and promote sustainable agriculture under climate change.3 2017
Seminar on ICI project of biochar	<p>Present and participated in third seminar :Using new molecular markers techniques in breeding strategy .26 march.2015</p> <p>Present and participated in fifth seminar : The role of ICI- Project in agriculture development in Egyt,Ismailia,Egypt:26 April,2016</p> <p>Special training course in Ismailia agriculture research station.1-3August.2016</p>
Training	<p>The foundations of the design and analysis of agricultural experiments</p> <p>In Agricultural research Center 2012</p>
Training	<p>Writing a scientific research and quality standards</p> <p>in Ismailia agriculture research station 16 -2-2014 ,20-2-2014</p>
Training	<p>Adoption of modern agricultural innovations</p> <p>in Ismailia agriculture research station 15 -12-2013 ,19-12-2013</p>
Training	<p>Modern Direction on Combating insect pests and animal</p> <p>in Ismailia agriculture research station 24 -11-2013 ,5-12-2013</p>
Training	<p>Packages technical recommendations on weed control</p> <p>in Ismailia agriculture research station 20-3-2016 ,24-3-2016</p>
Training	<p>Modern Direction on Agricultural Guidance</p> <p>in Ismailia agriculture research station 1 -3-2015 ,5-3-2015</p>

Courses in language

English:Lower Elementray I	<ul style="list-style-type: none"> • IN THE AMERICAN UNIVERSITY IN CAIRO school of Continuing Education • Final grade :A
English:Lower Elementray II	<ul style="list-style-type: none"> • IN THE AMERICAN UNIVERSITY IN CAIRO school of Continuing Education • Final grade :B
English: Upper Elementray I	<ul style="list-style-type: none"> • STEINBEIS UNIVERSITY-BERLIN IN COOPERATION EITH GERMAN EGYPTIAN ACADEMY • Final grade : very good
English: Upper Elementray II	<ul style="list-style-type: none"> • STEINBEIS UNIVERSITY-BERLIN IN COOPERATION EITH GERMAN EGYPTIAN ACADEMY • Final grade : good

Courses in public

Human Ressources Management (HR)	<ul style="list-style-type: none"> • IN NATIONAL EDUCATION NETWORK(nen)
Holds a professional training course TOT (Certified Trainer)	from the Directorate of Management and Management Training Center 2018
Digital marketing diploma	Future Academy social media 11-9-2021
Photoshop diploma	Future Academy social media 11-9-2021

Teaching Experience

Course Title	Institution
The use of geographic information systems in the application of sustainability in agriculture	<ul style="list-style-type: none"> • Collage of technology and environmental - zagazig university • Training and Guidance center in Ismailia • Public Service training for graduate student Department of Agricultural Engineering 2017
The role of agricultural mechanization in the application of sustainable agriculture	<ul style="list-style-type: none"> • Collage of technology and environmental - zagazig university • Training and Guidance center in Ismailia • Public Service training for graduate student Department of Agricultural Engineering 2017
Agricultural machinery	<ul style="list-style-type: none"> • Collage of technology and environmental - zagazig university • Training and Guidance center in Ismailia • Public Service training for graduate student Department of Agricultural Engineering 2017
Basics of converting biomass to biochar ,liquid fuel ,electricity energy	<ul style="list-style-type: none"> • Collage of technology and environmental - zagazig university • Public Service training for graduate student Department of Agricultural Engineering 2017

Thesis are being supervised

1. **Supervision of a thesis to obtain a master's degree - Department of Agricultural Engineering - Suez Canal University under title**
"Biofuel production from agricultural residues under biomass pyrolysis"
2. **Supervising a thesis to obtain a master degree - Department of Land - Faculty of Technology and Development - Zagazig University entitled**
The Impact of Biochar Application for improved soil water Management under sandy soil conditions.

Research published

"Effect of seedbed preparation systems on the avena weed control"
El-shal, M.S.E;M.A.E.Arnaout;O.A.Omar and Saly E.E.Fouda

"Integrated mangment of Egyptian cotton operational productivity under center pivot irrigation system to suit mechanical picking "
Sally E.E.Fouda,M.S.E.El-Shal,M.A.E.Arnaout and G.H.El-Sayed

Evaluation of Biochar and Charcoal As Amendments and Their Effect on Sandy Soil Fertility and Wheat Productivity
Sally S. Fouda; M. A. El-Shazely* and M. D. M. Victor

"Finite element modeling of the breakage behavior of agricultural Biomass pellets under different heights during handling and storage"
A. Awny, Mona N. Radwan, M.A. Nour, Sally S. Fouda , Sami A. Al-Dhumri , Soliman M. Soliman , Amira M. El-Tahan , Mohamed T. El-Saadony , Reham S.A. Faid-Allah

"Effect of using magnitic water on physiological state of Dromedary Camel "
Fatma R.Abdel Azizi,Sally.S.Fouda and Ahmed M.Ismail

"Effects of feeding rate and formula fineness degree of ring die pellet mill on mechanical property, physical quality, energy requirements, and production cost of poultry diet
Khaled A. Metwally, Reda I. Zaki, Sally S. Fouda, Reem S. Alruhaimi, Haifa A. Alqhtani, Nouf Aldawood, Ayman M. Mahmoud, Mohammed A. E. Naiel

"Effect of UV Radiation on wheat productivity under Deficit Irrigation"

Morsy Narmeen, I. Abd El-Rahman, Heba, S. EL-Ssawy Wessam, E. Mahmoud1, M. M.Fouda Sally S. and El-Biale N.M

" Adaitation of cold Extrusion technology to produce corn snacks"

Daood,V.M., E.A.E. Ali1, E . Fouda Sally., N.M. El-Biale

"IoT-Based Analysis of Temporal Dynamics in Beehive Conditions under Electrical and ligh stimulation "

Al Azhar Joutnal of Agricultural Engineering(AJAE)

participated in Inventions

We participated in the 4th and 5th International Inventions Fair in Cairo, held at the Exhibition Grounds, with a machine called 'Egyptian Retort Machine' for recycling agricultural waste and producing biochar, biofuel, and activated carbon, and that was in 2019 and 2020."

"I am applying for a patent at the Academy of Scientific Research for a locally manufactured machine designed to recycle agricultural waste and produce biochar, activated carbon, and biofuel."