

Ministry of Agriculture and Land Reclamation

Agricultural Research Center (ARC)

Agricultural Engineering Research Institute (AEnRI)



CURRICULUM VITAE

PERSONAL DATA

- ❖ **Name:** Mahmoud Mohamed Hesham Okasha
- ❖ **Designation:** Researcher
- ❖ **Major Field:** Agricultural Engineering
- ❖ **Minor Field:** Farm Machinery and Power
- ❖ **Affiliation:** Rice Mechanization Center (RMC), Meet El-Deeba, Agricultural Engineering Research Institute (AEnRI), Agricultural Research Center (ARC), Ministry of Agriculture and Land Reclamation, Egypt
- ❖ **Department:** Agricultural Mechanization Operations Systems
- ❖ **Date of Birth:** November 10, 1988
- ❖ **Place of Birth:** Ahmed Abd El-Aziz St., division 4, Kafr El-Sheikh City, Kafr El-Sheikh Governorate, Egypt
- ❖ **Place of Residence:** Al-Khobraa Tower, Al-Gomhuria Street, Kafr El-Sheikh City, Kafr El-Sheikh Governorate, Egypt
- ❖ **Nationality:** Egyptian
- ❖ **Religion:** Muslim
- ❖ **Marital Status:** Married (Two Daughters)
- ❖ **Home Phone:** +20473160400; Mobile: +201003133841
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- ❖ **Languages:** Arabic (Native Language) & English



MAIN SITES



Research Gate: https://www.researchgate.net/profile/Mahmoud_Okasha8



Academia.edu: <https://aenri.academia.edu/MahmoudOkasha>



ORCID ID: <https://orcid.org/0000-0002-1265-4939>



LinkedIn: <https://www.linkedin.com/in/mahmoud-okasha-513a80124/>



Google Scholar: <https://scholar.google.com/citations?user=12g9r-YAAAAJ&hl=ar>



Scopus Author ID:

<https://www.scopus.com/authid/detail.uri?authorId=57316606900>



RESEARCHERID

Web of Science ResearcherID: <https://publons.com/researcher/ABE-8944-2020/>



SciProfile: <https://sciprofiles.com/profile/1712436>

QUALIFICATIONS & DEGREES OBTAINED

- ❖ **Ph. D. degree** in the Agricultural Engineering “Farm Machinery and Power” in **May 2019** with **CGPA “3.614 out of 4.0”** from the Faculty of Agriculture, Mansoura University, Egypt. The title of thesis: **Development of a Combine Machine for Hoeing Rows and Reforming.**
- ❖ **M. Sc. degree** in the Agricultural Engineering “Farm Machinery and Power” in **August 2014** from the Faculty of Agriculture, Kafrelsheikh University, Egypt. The title of thesis: **Development and Evaluation of Mechanical Weeder for Small-Scale Farms.**
- ❖ **B. Sc. degree** in the Agricultural Sciences (Agricultural Engineering) in **June 2010** with a final degree of “**very good**” grade from the Faculty of Agriculture, Kafrelsheikh University, Egypt.
- ❖ International Computer Driving License (**ICDL Arabia**), license No. (skills card No.): **EGT150009462.**

- ❖ Test of English as Foreign Language (TOEFL ITP) from AMIDEST.

CAREER

- ❖ **Researcher (Assistant Professor)** - Agricultural Engineering Research Institute - Agricultural Research Center from **July 2021 till the present.**
- ❖ **Assistant Researcher (Assistant Lecturer)** - Agricultural Engineering Research Institute - Agricultural Research Center from **August 2019 till the present.**
- ❖ **Agricultural Engineer** - Agricultural Engineering Research Institute - Agricultural Research Center from **July 2011 to August 2019.**

PUBLISHED RESEARCHES

- (1) Askari, M.; Abbaspour-Gilandeh, Y.; Taghinezhad, E.; El Shal, A. M.; Hegazy, R.; **Okasha, M.** Applying the Response Surface Methodology (RSM) Approach to Predict the Tractive Performance of an Agricultural Tractor during Semi-Deep Tillage. 2021, 11, 1043. DOI: [10.3390/agriculture11111043](https://doi.org/10.3390/agriculture11111043)
- (2) Abo-Habaga, M. M.; Z. M. Imara and **M. H. Okasha** (2018). Development of a combine hoeing machine for flat and ridged soil. Journal of Soil Sciences and Agricultural Engineering, Mansoura University, 9(12): 817-820. DOI: [10.21608/jssae.2018.36548](https://doi.org/10.21608/jssae.2018.36548)
- (3) Hegazy, R. A.; I. A. Abdelmotaleb; Z. M. Imara and **M. H. Okasha** (2014). Development and evaluation of small-scale power weeder. Misr Journal of Agricultural Engineering, 31(3): 703-728.

SCIENTIFIC CONFERENCES

- ❖ The 4th International Conference of Agricultural and Biological Engineering, entitled: The Role of Agricultural and Biological Engineering to Achieve Agriculture Strategy Regionally and

Internationally. It was held at Nadi El-Said Street, Dokki, Giza, Egypt during the period of 6-7 September 2015.

- ❖ The 5th International Conference of Agricultural and Biological Engineering, entitled: The Role of Agricultural and Biological Engineering for Advancement of the Agricultural Sector. It was held at Nadi El-Said Street, Dokki, Giza, Egypt during the period of 26-27 September 2017.
- ❖ The 21st Conference of Misr Society of Agricultural Engineering (MSAE) entitled: New Technologies in Agricultural and Biosystems Engineering and their Applications for Supporting Sustainable Development. It was held at the Faculty of Agriculture, Alexandria University, Alexandria, Egypt on 25 November 2017.
- ❖ The 6th International Conference of Biotechnology, Environment and Engineering Sciences. It was held at Tolip Hotel Alexandria, Alexandria, Egypt during the period of 28-29 December 2019.
- ❖ The 1st International Conference of Agricultural Engineering Faculty & 23rd of Misr Society of Agricultural Engineering (MSAE) entitled: Agricultural Engineering, Inclusive and Sustainable Development. It was held at Al-Azhar University, Nasr City, Cairo, Egypt during the period of 4-5 March 2020.
- ❖ Attending a (Webinar) Conference entitled: Modern Egyptian African Agriculture is the Future of Food Security and Sustainable Development in Light of the Epidemic Crises, on 23 June 2020, held online via Zoom Cloud Meetings.
- ❖ Attending a Scientific Symposium entitled: Specialized Skills and Job Market Needs for Agricultural Engineering Students, on 14 December 2020, held in Agriculture Faculty, Kafrelsheikh University.
- ❖ Attending the 1st International Conference on Innovative Technologies for a Sustainable Environment. It was held online via Zoom Cloud Meetings in Manila, Philippines, on 28 December 2020.

- ❖ Attending Youth Science Forum. It was held online via Zoom Cloud Meetings, National Research Center, Egypt during the period of 14-16 January 2021.
- ❖ Attending an International Webinar entitled: Biofuel and Biomass. It was held online via Zoom Cloud Meetings, during the period of 26-27 August 2021.
- ❖ Attending a workshop entitled: Design of silica based filter for wastewater treatment in food industry. It was held online via Zoom Cloud Meetings, Food Technology Research Institute, Egypt, on 1 September 2021.
- ❖ Attending a Webinar entitled: Opportunities in the Agro-Food Chain in Egypt. It was held online via Zoom Cloud Meetings in Egypt, on 5 September 2021.
- ❖ Attending the 9th International Conference on Agriculture and Rural Development. It was held online via Zoom Cloud Meetings during the period of 29-30 September 2021.
- ❖ Attending World Food Forum. It was held online via Zoom Cloud Meetings, Rome, Italy, during the period of 1-5 October 2021.
- ❖ Attending Global Symposium on Salt-affected Soils – GSAS21. It was held virtually under the patronage of Food and Agriculture Organization of the United Nations (FAO), during the period of 20-22 October 2021.

ACTIVITIES (TRAINING AND EXTENSION)

- ❖ Participate in training students of Agricultural Engineering Department, Faculty of Agriculture, Mansoura University at Rice Mechanization Center (RMC), Kafr El-Sheikh Governorate, during the period from 16 July to 10 September 2017.
- ❖ Participate in training students of the Faculty of Agricultural Engineering, Al-Azhar University at Rice Mechanization Center (RMC), Kafr El-Sheikh Governorate, during the period from 1 July to 15 September 2019.

- ❖ Participate in the activities of the field day of the program for mechanical transplanting of the rice crop at the research farm of the Rice Mechanization Center (RMC), Kafr El-Sheikh Governorate on 24 June 2020.
- ❖ Participate in the activities of the field day of the program for rice research and training at the research farm of the Rice Research & Training Center, Sakha, Kafr El-Sheikh Governorate on 1 September 2020.
- ❖ Participate in training students of the Department of Agricultural Engineering, Faculty of Agriculture, Mansoura University at Rice Mechanization Center (RMC), Kafr El-Sheikh Governorate, during the period from 15 August to 1 September 2021.
- ❖ Participate in the activities of the field day of the programs for maize & rice research and training at Sakha Agricultural Research Station, Sakha, Kafr El-Sheikh Governorate on 25 August 2021.

TRAINING COURSES

- ❖ Attend a training course entitled: Mechanical Harvesting of Cotton, it was held at Rice Mechanization Center (RMC), Kafr El-Sheikh Governorate, during the period from 2-6 September 2020.
- ❖ Attend a training course entitled: International Publication of Scientific Researches, it was held at Horticulture Research Institute, Agricultural Research Center, during the period from 26-28 January 2020.
- ❖ Attend a workshop entitled: Smart Storage, Packaging and Wastes Management of Different Crops, it was held at Agricultural Engineering Research Institute, Dokki, Giza, during the period from 27 September to 1 October 2020.
- ❖ Attend a training course entitled: Drying Systems for Agricultural Crops, Medicinal and Aromatic Plants, it was held at Rice Mechanization Center (RMC), Kafr El-Sheikh Governorate, during the period from 18-22 October 2020.
- ❖ Attend an international workshop entitled: Smart Agriculture for Developing Nations: Broader Perspectives and Special Challenges

for Island States, it was held online via Microsoft Teams, New Delhi, India, during the period from 11-12 August 2021.

- ❖ Attend an International Training Course on Practical Technology of Small Agricultural Machinery for Developing Countries. It was held online via Zoom Cloud Meetings, China, during the period from 11-31 August 2021.
- ❖ Attend an International Training Course on New Technology Popularizing of Agricultural Mechanization for Developing Countries. It was held online via VooV Meeting, China, during the period from 12 October to 1 November 2021.

MEMBERSHIP

- ❖ Member: Misr Society of Agricultural Engineering (MSAE), **Membership No.: 903.** <http://www.mjae.eg.net>
- ❖ Member: Agricultural Professions Syndicate, **Membership No.: 753429.**
- ❖ Member: American Society of Agricultural and Biological Engineers (ASABE), **Membership No.: 1058596.**

REVIEWER IN THE FOLLOWING JOURNALS

- ❖ American Journal of Agriculture and Forestry (AJAF); <http://www.agricultureforestry.org>
- ❖ Journal of Agriculture and Applied Biology (JAAP); <http://jaabjournal.org/index.php/jaab>
- ❖ International Journal of Agricultural Science and Research (IJASR); <http://www.tjprc.org/journals/journal-of-agricultural-science>
- ❖ American Journal of Agricultural Science, Engineering and Technology (AJASET); <http://www.agricultureforestry.org>

EDITOR IN THE FOLLOWING JOURNALS

- ❖ Journal of Agriculture and Applied Biology (JAAP); <http://jaabjournal.org/index.php/jaab>