

MAHMOUD HAMMAD BUSHARA

PERSONAL DATA

Name: Mahmoud Hammad Bushara Elsafi
Date of Birth: 02. Dec. 1986
Place of Birth: Abha, Saudi Arabia.
Nationality: Sudanese
Marital Status: Single
Languages: Arabic/English
Home Address: University of Khartoum, Faculty of Engineering, Department of Agricultural and Biological Engineering, P. O. Box 321, Khartoum– Sudan
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FIELDS OF INTEREST

- Environmental and Biological Engineering
- Biological Sciences
- Fermentation Technology
- Agricultural Structures and greenhouses control
- Agricultural Waste Treatment and management
- Bird/animal Mortality Management and Livestock.

□EDUCATION

M.Sc. In "Environmental Engineering and agricultural Structures" at College of food and agriculture Sciences, King Saud University. Riyadh, Saudi Arabia, July 2017.

Title of M.Sc. Thesis: “**Lactic Acid Production from Wasted Dates in Saudi Arabia**”.

B.Sc. (Honours) in Agricultural Engineering at Faculty of Engineering and Architecture, University of Khartoum, Sudan, August 2011.

PROFESSIONAL EXPERIENCE:

(2017 – Current): Lecturer. conduct lectures in Agricultural Structures, Environmental Control of Agricultural Structures, Refrigeration and Air Conditioning, Computer Applications, Design aspects of agricultural structures, Environmental control for animal & plant production, Design of livestock housing facilities, Agric. waste systems & air quality management, Design of steel & concrete agricultural structures, Fluid Mechanics, Heat Transfer at Department of Agricultural and Biological Engineering, Faculty of Engineering. University of Khartoum. Khartoum, Sudan.

(2015 – 2017): Part Time Teaching Assistant at Agricultural Engineering Department, College of Food and Agriculture Science. King Saud University. Riyadh, Saudi Arabia.

(2012-2014): Office Manager at Professional Association of Agricultural Engineering in Sudan

(2011 – 2014): Teaching Assistant at Department of Agricultural and biological Engineering, Faculty of Engineering. University of Khartoum. Khartoum, Sudan.

SKILLS

Language Skills:

ARABIC: Mother tongue.

ENGLISH: V. Good.

Computer Skills:

Office Tools: Microsoft Word, Excel, Power Point, OneNote.

Computer Programs: Auto CAD, Solid Works, SPSS and SAS, C++ and Matlab.

ACHIEVEMENTS AND AWARDS

- GIAD Company award for the best academic achievement in farm power in 3rd year 2009.

PROFESSIONAL MEMBERSHIPS

- A member of Sudanese Engineering Council.
- A member of Sudanese Engineering Society.
- A member of the American Society of Agricultural and Biological Engineers.
- A member of Sudanese Professional Association of Agricultural Engineering.

PUBLICATIONS

- Mahmoud H. Bushara¹, Fahad Alkoaik, Ahmed Abasaheed, Ronnel Fulleros. (2018) LACTIC ACID PRODUCTION FROM WASTED DATES IN SAUDI ARABIA USING SINGLE CULTURE *LACTOBACILLUS CASEI* ATCC 393 AND *LACTOBACILLUS ACIDOPHILUS* AND MIXED CULTURE
- A. A. Hassaballa¹, Ahmed G. Kayad, A. A. Alameen, M. K. Edrris, H. F. Edrees, Mahmoud H. Bushara. (2017) Crop Vigor fluctuation as affected by Irrigation water shortage. Case study: Rahad Agricultural Scheme, Sudan

REFERENCES

- **Ahmed E. Abasaheed**

Professor at Chemical Engineering Department

King Saud University

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- **Fahad Alkoaik**

Associate Professor at Agricultural Engineering Department

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- **A. F. Kheiralla**

Associate Professor at Department of Agricultural and Biological Engineering

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