

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 Alkoai, Ahmed Abasaeed, 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. Abasaeed**

Professor at Chemical Engineering Department

King Saud University

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- **Fahad Alkoai**

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- **A. F. Kheiralla**

Associate Professor at Department of Agricultural and Biological Engineering

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