

## C U R R I C U L U M V I T A E

### GENERAL

**Name:** Huda Abdu Hassan **OSMAN**  
**Date of Birth:** 14.06. 1973  
**Place of Birth:** Khartoum, Sudan  
**Nationality:** Sudanese  
**Sex:** Female  
**Marital Status:** Married (four sons)  
**Position held:** Assistant Professor  
Head Department of Botany and Agric.  
Biotechnology,  
Faculty of Agriculture,  
University of Khartoum, Sudan.

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### ACADEMIC QUALIFICATIONS

**Third University Degree:**

*Name of Degree:* PhD of Science in Agriculture.  
*Date of Degree Awarded:* August, 2011  
*College:* Graduate College

*Name and location of University:* University of Khartoum,  
Khartoum, Sudan

*Specialization:* Molecular Plant physiology

PhD thesis titled:

Qualitative and Quantitative Protein Changes Induced by Water Stress during Growth and Development of Some Sorghum (*Sorghum bicolor* (L.)Monech) Cultivars

### **Second University Degree:**

*Name of Degree:* Master of Science in Agriculture.

*Date of Degree Awarded:* March, 2001

*College:* Graduate College

*Name and location of University:* University of Khartoum,  
Khartoum, Sudan

*Specialization:* Microbiology

*Title of Thesis:* **Screening of Yeasts Associated with the Traditional Sorghum  
Fermentation**

### **First University Degree:**

*Name of Degree:* Bachelor of Science (Agric.) Honors, **Class I**

*Date of Degree Awarded:* November, 1996

*College:* Faculty of Agriculture

*Name and location of University:* University of Khartoum,  
Khartoum, Sudan

*Specialization:* Crop protection.

### **PRIZES AND AWARDS**

<b>Organization conferring award</b>	<b>Type of award</b>	<b>Awarded for</b>	<b>Date</b>
German Academic Exchange Service (DAAD) and University Of Khartoum	Scholarship	PhD Study	2008/2011
German Academic Exchange Service (DAAD)	Scholarship	Master Study	1999/2001
<b>Arab Organization for Agricultural Development</b>	Prize	Best Academic Performance in second Year, Faculty of Agriculture	1994
Arab Corporation for Agricultural Investment and Development	Prize	Best Academic Performance in second Year, Faculty of Agriculture	1994
Arab Organization for Agricultural Development	Prize	Best Academic Performance in Fifth Year, Faculty of Agriculture	1997
Arab Corporation for Agricultural Investment and Development	Prize	Best Academic Performance in Fifth Year, Faculty of Agriculture	1997
Sudanese Agricultural Bank	Prize	Best Academic Performance in Crop protection in Fifth Year, Faculty of Agriculture	1997

## **EMPLOYMENT**

April 1997 –Jan. 2002: Teaching Assistant, University of Khartoum, Faculty of Agriculture, Department of Botany and Agric. Biotechnology

Jan. 2002- 8/2011: Lecturer, University of Khartoum, Faculty of Agriculture, Department of Botany and Agric. Biotechnology .

8/2011 – date: Assistant professor, University of Khartoum, Faculty of Agriculture, Department of Botany and Agric. Biotechnology

1/2015- date: Head of Department of Botany and Agric. Biotechnology  
Faculty of Agriculture, University of Khartoum

## **TEACHING EXPERIENCE**

### **Courses executed at university level:**

Plant Morphology

Plant Anatomy

Plant physiology

Virology

Stress plant Physiology

Plant Ecology

Plant Taxonomy

General Microbiology

### **Cooperation with other universities:**

1. Upper Nile University, Khartoum, Sudan.
2. Elahalia University, Khartoum, Sudan.

### **ACADEMIC ACTIVITIES**

I supervised many Undergraduate graduation projects.

2. Supervise master student and co –supervise ph D student.

### **ADMINISTRATIVE ACTIVITIES**

- Coordinator of Intermediate Diploma in Department of Botany and Agric. Biotechnology. 2001 – 2002
- Academic secretary of Dept. of Botany and Agric. Biotechnology, Faculty of Agriculture, University of Khartoum, 2005-2009.
- Head of Botany and Agric Biotechnology Department, Faculty of Agriculture, University of Khartoum, 2015-up to date.
- Member of the Board of the Faculty of Faculty of Agriculture, University of Khartoum, 2014 - date.
- Member of the Senate of University of Khartoum, 2015 - date.
- Member of the Academic reform Committee, 2014 to date.

## MEMBERSHIPS

1. Sudanese Agricultural Council.
2. Sudanese Agricultural Engineers Union.

## List of publications

1. Elkhailil, E. A. I., **Osman, H. A. H.** And Simon, O. (2011). Phytic acid analysis by different bacterial phytases. Australian Journal of Basic and Applied Science. 5 (12): 2295-2303.
2. **Osman, H. A. H.** , E. E. A., Ahmed, Elkhailil, E. A. I. (2014). Effects of Water Stress on Vegetative and Reproductive Growth of Some Sorghum (*Sorghum bicolor* (L.) Monech) Cultivars. Sudan J. Des. Res. 6 (1): 79-98.
3. **Osman, H. A. H.** , E. E. A., Ahmed, Elkhailil, E. A. I. (2014). Impacts of Water Stress on quantitative protein changes during growth and developments of Some Sorghum (*Sorghum bicolor* (L.) Monech) Cultivars. (Accepted).
4. **Osman, H. A. H.** , E. E. A., Ahmed, Elkhailil, E. A. I. (2014). Assessment of total crude protein (TCP) during growth and development of some sorghum (*Sorghum bicolor* (L.) Moench) cultivars under water stress. (Submitted).
5. **Osman, H. A. H.** , E. E. A., Ahmed, Elkhailil, E. A. I. (2014). Identification of proteins associated with water stress during growth and development of some sorghum (*Sorghum bicolor* (L.) Monech) cultivars. (Accepted).
6. **Osman, H. A. H.** , E. E. A., Ahmed(2015). Impact of Seasons and Location on Vegetative Growth of Barebare a Long Day Sorghum (*Sorghum bicolor* L. Moench), Genotype(Submitted).

## Conference Attendance:

1. Workshop on Biotechnology Status in Sudan (2001). Friendship Hall, University of Khartoum, Sudan.
2. Tropen Tag Berlin, Oct. 2004. Berlin, Germany.
3. Arab Food Security Workshop, 17-19 Mar. 2009 Khartoum Sudan.

4. International conference on applied Biotechnology- 2009 "ICAB-2009". 28-30 Sep. 2009, Khartoum, Sudan.
5. National Symposium on Sustainable Rain-Fed Agriculture in Sudan, UNESCO Chair of Desertification, Alshariga Hall, Nov, 2009.
6. Conference of Graduate Studies and Scientific Research. (2010), Scientific Research-Pillar of Civilization Development, University of Khartoum 27<sup>th</sup> to 1<sup>st</sup> March 2010, Friendship Hall, Khartoum, Sudan.
7. Workshop on Mycorrhiza and its applications in Biofertilization. (2010). Nour Hall, faculty of Agriculture, University of Khartoum, 8<sup>th</sup> Novmber 2010.
8. Workshop on The Role of Scientific Research in Developing Countries. (2011). DAAD Alumni Conference in Khartoum-Sudan, Mekki Shebeika Hall- University of Khartoum, 1<sup>st</sup> November 2011.
9. Workshop on Knowledge Management Capacity in Africa. Harnessing Tools for Development and Innovation (2012). Friendship Hall Khartoum, Sudan, 5<sup>th</sup> January 2012.
10. Workshop on Seed Industry. Present and Future Prospect. (2012). Nour Hall, Faculty of Agriculture, University of Khartoum, Sudan 11. Jan. 2012.
11. Fifth International Workshop. Biotechnology and its role in Economic Development in the Arab World, Commission for Biotechnology & Genetic Engineering, Coral Hotel, Khartoum, Sudan 25<sup>th</sup> -26<sup>th</sup> March 2014.