

## **CURRICULUM VITAE**

### **Idris Abdelrahman Mohamed-Ahmed**

Nationality : Sudanese  
Marital Status : Married (with three children)  
Languages : Arabic and English.  
Computer Skills : Highly skilled.  
Home Address : House #15, Block #8 Ar-Riyad, Khartoum, SUDAN.  
Work Address : Dept. of Horticulture, Fac. of Agric., Shambat, SUDAN.  
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#### ***Occupation***

Associate Professor at the Department of Horticulture, Faculty of Agriculture, University of Khartoum, Khartoum, Sudan.

#### ***Education***

**Ph.D. ( 1986 ), Cornell University , Ithaca, N.Y., U.S.A,**  
majoring in floriculture and ornamental horticulture with minors in landscape architecture and plant physiology.

**M.S. ( 1982), Cornell University, Ithaca, N.Y., U.S.A,**  
majoring in floriculture and ornamental horticulture with a minor in plant physiology.

**B.Sc. (Agric.), Honours, First Class (1975), University of Khartoum, Sudan.**  
General Agriculture with a major in horticulture.

#### ***Career Goals***

Working, conducting research and/or teaching in horticulture, with special interest in problems related to environmental horticulture, urban forestry and landscape architecture in the warm and dry climates.

#### **Areas of emphasis include:**

- Protected agriculture (greenhouse and nursery) management and production techniques.
- Landscape architecture and urban forestry (design, installation and maintenance).
- Plant response and adaptation to the environment (light, temperature, drought, etc.).
- National parks (development and management).

## ***Current Responsibilities***

- Department of Horticulture (U. of K.) graduate students' coordinator.
- Supervisor of the department's nursery and greenhouses.
- Supervisor of six graduate students.
- Teaching four undergraduate horticultural courses: ornamental hort., nursery production and management, landscape architecture, protected agriculture.
- Teaching two graduate horticultural courses: floriculture and hort. topics seminar.
- Secretary General of the Sudanese Horticulture Society until 2014.
- Member of the Cut flowers and Ornamental Plants Council of the National Agricultural Revival Council.

## ***Work Experience***

10/1991 - 9/1994

*Head of The Horticulture Department, U. of K.*

*Member of the University Senate and the Faculty Board.*

11/1996 - 4/1997 & 11/2008 – till now

4/1986 - 10/1996

*As an Associate* (since 11/1996) and *an Assistant Professor* (4/86-10/1996) at the Department of Horticulture, University of Khartoum:- Responsible for teaching and supervising undergraduate and postgraduate students, conducting research, participating in the university committees and public activities and giving public lectures and talks.

### ***Undergraduate Teaching:-***

- Designed and taught courses in protected agriculture, floriculture and ornamental horticulture (F&OH), landscape architecture and plant propagation.
- Designed and taught "Nursery Establishment & Management".
- Designed and taught "Regional Horticulture", present status and potential of horticulture (fruits, veg. crops and F&OH) in Sudan.
- Designed and taught "F&OH and Plant Propagation" to students (schoolteachers) of the Rural Development and Nutrition Diploma.
- Designed and taught as a part-timer with Omdurman Islamic University, Women College an introductory course in horticulture (covering fruits, vegetables, F&OH and landscape design).

### ***Postgraduate Teaching :-***

**Supervised the following U.of K. M.Sc. graduates :**

- *Mohamed, Hala K.* 2011. Effect of some flower preservative solutions on vase life of *Gerbera jamesonii* cut flowers.
- *Ahmed, Maha I.* 1997. Response of some potted ornamental plants to different soil mixes.
- *Ahmed, El Mahdi S.A.* 1995. Effect of soil moisture percentage on rooting of cuttings and growth of potted plants.
- *Osman, S.I.* 1995. Response of potted *Graptophyllum pictum* plants to fertilizers application under nursery conditions.
- *Mohamed, Seif El Din A.* 1994. A study on some aspects of rose growing.
- *Ahmed, Suad K.* 1994. Influences of irrigation frequency and nitrogen fertilization on bermudagrass.

**Co-supervised:**

- *Mahgoub, B.A.* 1991. A study on propagation aspects of several ornamental plants.

1997 – 2008 *As a Lecturer at King Saud University, (Riyadh, Saudi Arabia),* taught and tutored postgraduate and undergraduate students in lab. courses covering:

- Greenhouse Production of Floricultural Crops
- Nurseries and Plant Propagation
- Turfgrasses Production and Management
- Landscape Design of Parks and Gardens
- Interior Plants and Interiorscaping

**Conducted research in many research areas such as:**

- Investigating means and methods for advancing and utilizing national parks
- Studies on converting date palm leaves to a growing medium (compost) to substitute for peat moss
- Studies on turf grasses suitable for Riyadh, KSA.

**Participated in college and department committees and activities** covering different areas such as supervising greenhouses and growth chambers, designing and conducting flower shows representing King Saud University.

**Designed and supervised all the new landscaping work in the Student Housing (Dorms) of King Saud University.**

1980 – 1986 *As a Graduate Student at Cornell University (USA),*

- Participated, as a TA, in **teaching Flor 425 “Greenhouse Management”** (for three years) which included close work with students and complete analysis for real greenhouse operations ( crops, structures, environmental control; materials handling and business analysis ) along with recommendations for improvement.
- Visited the most important Greenhouse Operations and F&OH production areas in U.S.A. and Canada.
- Attended and participated in several horticultural meetings.

1976 – 1979 *As a Teaching Assistant at University of Khartoum,*

Taught and tutored undergraduate students in lab. Courses covering vegetable crop production, pomology, and post-harvest physiology of horticultural products.

*As a Field Inspector, Ministry of Agriculture, Sudan (1975-76),* Gained experience in supervising farmers and solving administrative and field related problems.

### **Other Administrative and Managerial Activities**

- Supervised the Ornamental Nursery of the Dept. of Horticulture and the gardens of the Faculty of Agriculture at Shambat.
- Represented the Dept. of Horticulture in the Faculty Board for several years.
- Board Secretary of the Department of Horticulture for three years.
- Board member and Vice President of the Sudanese Horticulture Society, and responsible for organizing and designing exhibits and flower shows.
- Supervised the Faculty's participation in flower shows, which were awarded the First Prize many times.
- Designed and implemented many public and private landscape projects e.g. Faculty of Agriculture grounds, the Headquarters of the Judiciary System at Khartoum, the Friendship Palace Hotel, the Residence of the Vice Chancellor of the University of Khartoum.
- At the Dean's request, supervised the establishment of the Computer Unit at the Faculty of Agriculture, U. of K.
- Headed the Computer Unit Committee the Faculty of Agriculture, U. of K.

### **Consultancies**

- Landscape design and consultancy with M.M.C. for the H.A.S.S. Project, Soba, Khartoum, March 2015 – continuing.
- Consultant for Seleit Project for growing cut flower rose in greenhouses 2013.
- Landscape design and consultancy for the Student Housing Rehabilitation Project, King Saud University, Dec.2007 – July 2008.
- Protected Agriculture in the Arab World and Suggested Projects for Development. 1995. AOAD, Khartoum (المنظمة العربية للتنمية الزراعية).
- Landscape design and consultancy for the Friendship Palace Hotel, Khartoum, 1995.
- Horticulture in Sudan, prospects for development 1993. The Ministry of Agriculture - part of a study involving the World Bank (Prof. Saad Abbadi headed the team).

***Societies***

- Member of the Sudanese Horticulture Society since 1977.
- Member of the Saudi Society for Agricultural Sciences.
- Member of the International Society for Horticultural Science.
- Member of the American Society for Horticultural Science (ASHS).
- Member of Pi Alfa Xi.