

## Curriculum Vitae



**Name:** Tarig Tagelsir Hassan Musa

**Date of Birth:** 01- January -1971

**Place of Birth:** Khartoum, Sudan

**Marital Status:** Married (with two kids)

**Address:** University of Bahri, College of Natural Resources and Environmental Studies, Department of Forestry, Um Algoura Ganoub, Khartoum North, **Post Box:** 1660, Khartoum, Sudan.

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**Language:** Mother tongue is Arabic, with advance level of English language.

### **Qualifications:**

- M.Sc. University of Khartoum, Faculty of Forestry, Department of Forest Products and Wood Industries (1997-2000).
- B. Sc. (Honors) Kordofan University (1990-1995).

### **Duties and Responsibilities:**

- Lecturer at Upper Nile University since 2001 – 2010, and at Bahri university since 2011 – so far, Sudan for the courses: 1- Wood Properties and Production Systems 2- Manufacturing of Forest Products 3- Gum Production and Technology 4- Wood Chemistry 5- General Forest Protection and 6- Applied Ecology.
- Student Academic Supervision, Upper Nile University (UNU) and Bahri universities, Sudan.
- Deputy Dean (10/07/2005 to 19/02/2009), UNU, Malakal, Sudan.
- Acting Dean 2001-2005 (different periods), UNU, Malakal, Sudan.
- Head Department of Forestry (2003-2005), UNU, Malakal, Sudan.

- Registrar (2001-2005), UNU, Malakal, Sudan.

### **International Training Workshops and Courses:**

- International Training workshop for contributing on “Re-tooling staff from national training, education, and research institutions on key areas of science and practice of climate change in relation to forests” August 26-28, 2013, The African Forest Forum (AFF) in collaboration with the Faculty of Forestry and Nature Conservation of the Sokoine University of Agriculture (SUA), Dar es Salaam, Tanzania.
- International Training Course on Competing Claims on Natural Resources, from 21/02/ to 04/03/2011, Centre for Development Innovation (CDI), Wageningen UR, The Netherlands.
- International Training Workshop on Non-Timber Forest Products (NTFPs) Industrial and Commercial Development, from 07 – 19/09/2010. Lin’an Modern Forestry Science and Technology Service Centre, Zhejiang, Ministry of Science and Technology, People Republic of China.
- International Symposium on Integrated Sustainable Livelihood Development in Mountain Forest Areas, 20 – 24/09/2010 Lin’an, Zhejiang, People Republic of China.
- International Course on Forest Landscape Restoration in North East Africa, 3 ECTS Credits. From 16 -26/07/2008. Finish CIMO North-South-South project. Wondo Genet College of Forestry and Natural Resources, Hawassa University, Ethiopia.

### **National Training Courses:**

- Theoretical and Practical Training Course on: Rapid Forest Carbon Stock Appraisal and Development of PIN and PDD. Organized by African Forest Forum (AFF) in collaboration with the Forest National Corporation (FNC). June 8 to 12, 2014. Paradise Hotel, Khartoum, Sudan.
- Training course on: “Interface between Human Beings and Their Environment towards Sustainable and Clean Environmental Development”, 09 – 13 March 2014. Topics covered integrity in management of environmental components, the interface between human beings and their environment, land use and land use change, climate change as a threatening interface and environmental governance. Faculty of Forestry, university of Khartoum, Shambat, Sudan.
- Training course on “Gum Arabic production and marketing in Sudan”. Agricultural Research and Technology Corporation, Forestry Research Center, Soba (21 / 04 / 2008). Sudan.
- Statistical Methods, 15 – 22 / 07/ 2006. University of Khartoum, Faculty of Forestry, Shambat, Khartoum, Sudan.
- Growth and Yield Modeling and their Uses, 22 - 27 / 07/ 2006, University of Khartoum, Faculty of Forestry, Shambat, Khartoum, Sudan.

- Educational Preparation Course No. (35), from 22 / 07 / 2006 to 24 / 08 / 2006, University of Khartoum, Staff Development Centre Omdurman, Sudan.
- Winter school on “Voluntary Tools for the Implementation and Social Responsibilities in Agriculture and Forestry”. University of Padua, Collage of Agriculture and University of Khartoum Faculty of Forestry/ Faculty of Agriculture. 27/11/2006 to 02/12/2006 Faculty of Forestry, University of Khartoum, Shambat, Sudan.
- Wildlife Center Training Course, 05 - 26/06/2000 Shambat, Khartoum, Sudan.
- SOS Sahel (NGO), Forestry Trainer. Conducting community training in all SOS Sahel Activities in Al Ain Watershed Area, 25/03/1994 to 15/04/1994, North Kordofan state, Sudan.
- Conducting community training in UNSO the Netherlands, A-forestation and Reforestation Project in Northern Region of the Sudan, Al Ain Watershed Area 25/03/1994 to 15/04/1994, North Kordofan state, Sudan.

### **National Workshops and Conferences:**

- First Qualitative and Quantitative Research Conference, 17-18 August 2014, Shariga Hall, University of Khartoum, Sudan, in titled: "Socioeconomic Development in Sudan and Sustainability: From Lifestyles to Innovative Policy Directives in Creative and Sustainable Environment". Organized by Sudan Polling and Statistic Center (SPSC) in collaboration with the Population Studies Center, University of Gezira and Economic and Social Research Bureau, Ministry of Science and Communication.
- Summer school workshop, Welcome to Africa, Scientific Cooperation Network on Climate Change, on NTFPs value chain, land use conflict and mismanagement in rural areas, climate change adaptation, institutional and spatial arrangements in sustainable forest management, land use change/environmental services from forest and wood production from 04 – 8, 2013 March in Khartoum and 09 – 12, 2013 March in El Obeid, Sudan. Jointly organized by Faculty of Natural Resources and Environmental Studies & Gum Arabic Research Centre University of Kordofan and Faculty of Forestry, University of Khartoum. Sponsored by DAAD and the Federal Ministry of Education and Reserch, Germany.
- Workshop training on Development of Research Plan, 22 – 27/12/2012, by University of Bahri, Deanship of Academic Research, Khartoum, Sudan.
- Workshop training on Development of Research Plan, 22 – 25/04/2012, by University of Bahri, Deanship of Academic Research, Khartoum, Sudan.
- Workshop of Moderator Training, 03 – 09 / 03 / 2008 by National Democratic Institute (NDI). Juba. Sudan.
- Workshop of Moderator Training, 27 -28 / 03 / 2007 by National Democratic Institute (NDI) and Women Enforcement for Peace and Development (WEPD) Khartoum. Sudan.

### **Experiences:**

- Consultancy Assignment, NIRAS-Finland, Forestry and Agroforestry Specialist (21/11/2010 – 21/12/2011), Bilateral Finland-Sudan Technical Assistance within the Framework of the Eastern Nile Watershed Management Project (ENWMP) Community

Watershed Management Project (CWMP), Ministry of Irrigation and Water Resources, Dinder Implementation Unit, Sinnar State, Sudan.

- An old acquaintance of Viikki Tropical Research Institute (VITRI) staff experts, Project on Landscape Management Planning and Training for the Environment in South Sudan (LAMPTESS).
- Supervising of Landscape Management Planning and Training for the Environment in South Sudan (LAMPTESS) demonstration farm (06/2008 to 10/2010) for conducting studies on hashab trees (*Acacia senegal*) in Abukhadra area. Alrank County, Malakal, Sudan.
- Trainer of trainees in gum tapping recommended tool – Sunki - for some practicing peoples in Renk town and UNU staff with LAMPTESS financing.
- National Partner for Finish North-South Graduate School in Natural Resources Management (FINNSNAM). University of Helsinki, Faculty of Agriculture and Forestry, Department of Forest Ecology/Viikki Tropical Resources Institute (VITRI).
- Enumerator (East Sudan Group), Data Entry and Appendices Final Report Processor, Grain Market Survey 2006 (6 months), World Food Programme (WFP), Khartoum, Sudan.
- Data manager, VAM Unit, World Food Programme (WFP), 05/2003(*Two weeks*) Khartoum, Sudan.
- Research Assistant, Wildlife Research Center (2000-2001).
- Part Timer: Alzaem Alazhari University (1999).
- Part Timer: Sudan University for Science and Technology (1998),
- Small scale industries expert for rural development.
- United Nation Basic Security in the Field – Staff Safety, Health, and Welfare. United Nation Department of Safety and Security.
- United Nation Advanced Security in the Field, United Nation Department of Safety and Security.

### **Computer Skills:**

- Microsoft Office: Word, PowerPoint and Excel
- SPSS.

### **Memberships:**

- Jood-Fair International Organization for Human Rights.
- Sudanese Environmental Conservation Society.
- Sudanese Social Plantation Society.
- Sudanese Wildlife Conservation Society.
- Sudanese Forest Society.
- The African Academy of Science, Kenya.
- The African Forest Forum (AFF), Kenya.

### **Publications:**

- Eldirdiri Hassan Mahmoud, Zadeltagwa Mahmoud Mohammed and **Tarig Tagelsir Hassan**. (2014). The Nursery Industry in Khartoum State, Sudan: Prospects and Challenges. First

Qualitative and Quantitative Research Conference. Sudan Polling and Statistic Center (SPSC) in collaboration with the Population Studies Center, University of Gezira and Economic and Social Research Bureau, Ministry of Science and Communication. 17-18 August, Shariga Hall, University of Khartoum, Sudan.

- Abdalla, Ashraf M. Ahmed; **Tarig Tagelsir Hassan**; Abdelazim Yassin Abdelgadir and Abdelatif E. Mahmoud. (2008). Effect of cold water extraction duration and calcium chloride treatment on some physical properties of *Acacia nilotica* wood-cement aggregates. *Sudan Silva* 14 (1): 34-42.
- **Hassan, Tarig Tagelsir**, Mohammed, Ameer Awad, Gaboush, Nasir Yousif. (2007). Saving the remaining wildlife in Darfur. A World of Science. Natural Science Quarterly Newsletter. Vol. 5, No. 2. April – June 2007. P 16 – 20.
- **Hassan, Tarig Tagelsir**, Abdelazim Yassin Abdelgadir, Abdelatif E. Mahmoud and Atef Mohammed Ahmed Alhedy (2006). Effect of Some Physical and Chemical Treatments on the Mechanical and Physical Properties of *Acacia nilotica* Wood-Cement Mixture. The 39<sup>th</sup> meetings of the national crop husbandry committee. Agricultural Research Corporation, Wad Medani. Sudan.
- **Hassan, Tarig Tagelsir**, Abdelazim Yassin Abdelgadir, Abdelatif E. Mahmoud and Atef Mohammed Ahmed Alhedy (2006). Effect of cement replacement by lime on Properties of *Acacia nilotica* Wood-Cement Mixture. The 40<sup>th</sup> meetings of the national crop husbandry committee. Agricultural Research Corporation, Wad Medani. Sudan.
- **Hassan, Tarig Tagelsir**, Mohammed, Ameer Awad and Gaboush, Nasir Yousif (2001). Sustainable Utilization of Wildlife Resources in Radom Biosphere Reserve. Research study Final Report. Man and Biosphere: [www.unesco.org/mab/doc/mys/2001/sudan.pdf](http://www.unesco.org/mab/doc/mys/2001/sudan.pdf)

### **International Awards:**

- International Award (2001): **UNESCO** Young Scientist Award, Man and Biosphere (MAB, 2001). Entitled “**Sustainable Utilization of Wildlife Resources in Radom Biosphere Reserve**”.

### **In publication:**

- Impact of baobab (*Adansonia digitata* L.) fruits local trade on rural development in the Rashad Locality, Sudan

### **On-going and Future Proposed Research Works:**

Non-Wood Forest Products (NWFPs) as a Tool for Climate Chang Adaptation: Famine Food as Case Study

Forest Products, Livelihoods and Conservation: Small Scale Industries Enterprises for Rural Communities development

NTFPs advantages, availability, occurrence, collection, pre-processing and manufacturing

NTFPs technology transfer and training on some most visible and economically important species (gums, rattan, bamboo, mushrooms, medicinal and aromatic plants, berries and others).

Gum Arabic technology and quality characteristics

Gum Trees Taping Manual Text Book

## References:

- Dr. Mutasim Adam Mohamed Ez Eldin (Bs C, Ms C, PhD and Post Doc.), Engineering Geology and Geophysics, Head Department of Engineering Geology and Hydrogeology, College of Petroleum Geology and Minerals, University of Bahri, Khartoum Bahri, Sudan. Mobile: +249 125525008, Tel: +249155401795. E.mail: [mutasimadam@hotmail.com](mailto:mutasimadam@hotmail.com), [mutasimadam@gmail.com](mailto:mutasimadam@gmail.com).
- Dr. Abdelazim Yassin Abdelgadir, Associate Professor, Faculty of Forestry, Khartoum University, Sudan. Tel: +249 13 310104 (office). +249 185 318452 (Home), Mobile: +249 912552592, Po. Box: 13314, E. Mail: [abdelazim01@yahoo.com](mailto:abdelazim01@yahoo.com).
- Professor Eltighani Mirghani Elamin (Professor), Agriculture Research and Technology Corporation Agricultural Economics and Policy Research Center Shambat, Sudan. (EU consultant- Sudan), Office Tel: +249 185 310104, Mobile: +249 912160402.