

## Personal Data

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Address: *Department of Forest Management, Faculty of Forestry,  
University of Khartoum, Shambat, Postal Code 13314, Sudan*  
e-mail: *dafaalla57@yahoo.com*

Date of Birth: November 12, 1957

Place of Birth: Al-Warag, Gazira State, Sudan

Nationality: Sudanese

Marital Status: Married (3 Children)

Languages: Arabic (First language) and English

## Qualifications

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2004 **Ph.D.** in Forestry, *University of Khartoum, Khartoum, Sudan*

1992 **M.Sc.** in Tropical Forestry (Special field: Social Forestry),  
Wageningen Agricultural University, Wageningen, The Netherlands

1982 **B.Sc. (Hons)** in Natural Resources (Forestry), *University of Juba, College of Natural Resources and Environmental Studies, Juba, Sudan.*

## Positions Held

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2009- present Head, *Department of Forest Management,  
Faculty of Forestry, University of Khartoum, Sudan*

2008-present Assistant Professor, *Department of Forest Management,  
Faculty of Forestry, University of Khartoum, Sudan*

2004-2008 Assistant Professor, *Department of Forestry, College of Natural Resources and Environmental Studies, University of Juba, Sudan.*

2004-2008 Head, *Department of Forestry, College of Natural Resources and Environmental Studies, University of Juba.*

2001-2004 Ph.D. Student, *Department of Forest Management, Faculty of Forestry, University of Khartoum, Sudan.*

1992-2004	Lecturer, <i>Department of Forestry, College of Natural Environmental Studies, University of Juba.</i>	<i>Resources and</i>
1990-1992	M.Sc. Graduate Student, <i>Department of Forestry, University, Wageningen, the Netherlands</i>	<i>Wageningen Agricultural</i>
1988-1990	Teaching Assistant, <i>Department of Forestry, College of Environmental Studies, University of Juba, Sudan.</i>	<i>Natural Resources and</i>
1983-1988	<i>Assistant Conservator of Forests, Forest Administration,</i>	<i>Khartoum, Sudan</i>

## Activities at the University

### 4.1 Membership in university and college committees

2007-2008	Member, The Committee for submission of research proposals towards the Sudan-Norway Cooperation Program	
2005-2008	Chairman, Committee for the development of the forestry sector of the south during peace era. Department of Forestry, College of Natural Resources and Environmental Studies, University of Juba	
2004-2008	Member, The joint committee between University of Juba and Ministry of Agriculture, Khartoum State.	
2004-2008	Member, The Senate of the University of Juba	
2004-2008	Member, College Board, college of Natural Resources and Studies, <i>University of Juba</i>	Environmental
2003-2008	Member, Council of Postgraduate Studies, College of Environmental Studies	Natural Resources and
2003-2008	Member, The Committee of Training and Research Farm, Environmental Studies	College of Natural Resources and
2001	Chairman of the departmental committee for designing of the Forest National Corporation staff.	in-service training proposal
2001	Member of Steering Committee. The Workshop on Curriculum Development. College of Natural Resources and Environmental Studies 1- August 2001. Khartoum, Sudan.	Participatory M.Sc. Agroforestry 2
2001	Member and rapporteur of the Committee of the curriculum development, College of Natural Resources and Environmental Studies, University of Juba.	participatory M.Sc. agroforestry

## Role in developing or designing curricula

2007	Updating the syllabus of NEN 414 Environmental economics. Department of Environmental Sciences. Resources and Environmental Studies, University of Juba 2007	College of Natural
2006	Chairman of the Committee for Updating of the Dept of Forestry, College of Natural Resources and Environmental Studies. University of Juba, 2006.	Curriculum Studies.
2005	Regional Workshop on Forestry Curricula of Higher Institutes in the Near East Region. U. of K., F.A.O. 8-10 November, 2005.	Education and Forests National Corporation.

2004	Member of Editorial Committee. Proceedings of the on Participatory Agroforestry Curriculum Development. March 2004.	Workshop
2000	Integrated Natural Resources Management. College of and Range Sciences. University of Sudan of science and technology	Forestry
<b>Responsibilities held in the University</b>		
2004-2008	Member of the Senate, <i>University of Juba</i>	
2004-2008	Head, <i>Department of Forestry, College of Natural Environmental Studies, University of Juba.</i>	<i>Resources and</i>

## Other Activities

2008	Member, Secretariat Committee. Joint Near East Forestry Africa Forestry and Wildlife Commission. Khartoum, February, 17-21, 2008.	Commission and
2006-2008	Research team leader. Shelterbelt performance and efficiency for sand trapping in arid climates of northern Resaerch project financed by the Ministry of higher Research.	Sudan. Education and Scientific
2006-2007	Coordinator of FAO funded project: "Training and of Community-basedOrganizations (CBO) in Two Displaced Camps in Khartoum State". <i>Department of Forestry, College of Natural Resources and Environmental Studies, University of Juba.</i>	Capacity Building
2002-2004	Scientific and teaching visits to Sudan University of Technology , University of Sennar and Bakht el Ruda University	Sciences and
1999-	Member, The Economic Committee. Forest National	Corporation.

## Teaching Experience

### 6.1 Prepared and taught the following undergraduate courses and practical for forestry students

2009	Forestry economics (4 <sup>th</sup> year, Faculty of Forestry, University of Khartoum)	of
2009	Statistics (1 <sup>st</sup> year, Faculty of Forestry, University of Khartoum)	
2006-2008	Fish economics (Third year, Department of Fisheries. Natural Resources and Environmental Studies, University of Juba)	College of
2006-2009	Environmental economics (Fourth year, Department of Environmental studies. College of Natural Resources and Environmental Studies, University of Juba)	

2007	Agricultural Economics (third year, Department of Social and Economical Studies, University of Juba)	Economics, College
2007	Agricultural Economics (third year, Distant Education, Social and Economical Studies, University of Juba)	College of
2004-2007	Computer Science II (Fifth year, Department of Forestry. Natural Resources and Environmental Studies, University of Juba)	College of
2002	Forest and range economics. College of Agriculture and Resources. University of Bakht- el- Ruda.	Natural
2001-2005	Rangelands economics. College of Natural Resources. of Sennar.	University
2000-2003	Introduction to Forestry (Third year, Department of Environmental Studies and Wildlife, College of Natural Studies, University of Juba)	Resources and Environmental
2000-2003	Rangelands economics. College of Forestry and Range University of Sudan of science and technology	Sciences.
1993	Forest Development planning (fourth year, Faculty of University of Khartoum). In arabic.	Forestry,
1992-2008	Forest policy, law and administration (Fourth year, Forestry, College of Natural Resources and Environmental Studies, University of Juba)	Department of
1992-2008	Forest economics (Fourth year, Department of Forestry. Natural Resources and Environmental Studies, University of Juba)	College of
1992	Forest economics. (fourth year, Faculty of Forestry, of Khartoum). In arabic.	University
1992-Present	Annual participation in training final students in constructing forest working plans (a four-weeks' field work inside forests and full supervision of the students in results analysis and writing up of dissertations (fifth year, <i>University of Juba</i> )	
1988	Harvesting operations. (Fourth year, Department of Natural Resources and Environmental Studies, University of Juba)	Forestry, College of

## 6.2 Teaching Assistant for some courses as follows

1988-90	Forest management (undergraduate course, <i>University of Juba</i> )	<i>Juba</i> )
1988-90	Silviculture (undergraduate course, <i>University of Juba</i> )	

## 6.3 Post Graduate Training

At present	Supervising two M.Sc. students, Faculty of Forestry, of Khartoum	University
2004-2008	Co-supervised two M.Sc. ( <i>Department of Forestry, University Juba</i> )(both awarded their degrees)	of
2005	Internal examiner for one M.Sc. student ( <i>Department of Juba</i> ),	<i>Forestry, University</i>

## 6.4 Prepared and taught the following post graduate courses

2001 Economics of natural resources. M.Sc. Environmental Sciences. *College of Forestry and range sciences. University of Sudan of science and technology.*

## 7. Research Experience

### 7.1 Dissertation and Thesis

**Dafa-Alla Mohamed Dafa-Alla.** 2004. Economic evaluation of two management strategies of *Acacia nilotica* (L.) plantations along the Blue Nile south of Sennar Dam, Sudan. Ph.D. Thesis, *Department of Forest Managements, University of Khartoum, Sudan*

**Dafa-Alla Mohamed Dafa-Alla.** 1992. Financial analysis of Agroforestry in semi-arid zones: a case study of Kakuyuni area, Machakos District, Kenya. M.Sc. Thesis, *Department of Forestry, Wageningen Agricultural University, Wageningen, The Netherlands*

**Dafa-Alla Mohamed Dafa-Alla.** 1982. A Ten-years Working Plan for Hedaibat Forest Reserve, Sennar Forest Circle. *Department of Forestry, College of Natural Resources and Environmental Studies, University of Juba, Juba, Sudan.*

### 7.2 Published books

**Dafa-Alla Mohamed Dafa-Alla** and Ahmed Eltayeb Mohamed. 2000. Design, establishment and management of windbreaks and shelterbelts in arid lands. University of Gezira press. 89 pp. (in Arabic).

### 7.3 Published Research

**1. Dafa-Alla, M. D.,** A. M. El Tayeb, and H. A. Sharawi. 2009. Determination of technical rotation of *Acacia nilotica* Plantations for production of sawlogs and associated millable wood percentages. U. of K. J. Agric. SCI. University of Khartoum Journal of Agricultural Sciences 17(2).

**2. Dafa-Alla, M. D.,** H. A. Sharawi, and A. M. El Tayeb. 2008. Estimation of Stumpage Price of *Acacia nilotica* Plantations in Sudan. U. of K. J. Agric. SCI. University of Khartoum Journal of Agricultural Sciences 16(1), 139-152.

**3. Dafa-Alla, M. D.,** H. A. Sharawi, and A. M. El Tayeb. 2007. Estimation and influence of recovery rate on cost of production and profitability of Sudan Railways Sleeper at Es Suki Public Sawmill. Sudan Silva 13(1), 1-13. Sudanese Forestry Society and Forests National Corporation.

**4. Dafa-Alla, D. M.,** H. A. Sharawi, and A. M. El Tayeb. 2007. Estimation of financial cost of skidding and truck transport of saw logs. A case study of Hedaibat Forest Reserve-Waden Nail State Sawmill. U. of K. J. Agric. SCI. 15(1), 126-140.

**5. Dafa-Alla, M. D.,** H. A. Sharawi, and A. M. El Tayeb 2005. Estimation of input requirements and costing of seed sowing, singling and first thinning operations in *Acacia nilotica* stands along the Blue Nile. Sudan Silva 11(1), 1-12.

**6. Dafa-Alla, M. D.,** 2004. Financial cost-benefit analysis of *Cassia siamea*-maize alley cropping system in semi arid zones of Kenya. Sudan Silva. 10(1), 81-91.

**7. Dafa-Alla, M. D.** 1996. The role of forestry in rural development. Social Forestry & Environment. 1(1), 29-30. Sudanese Social Forestry Society's Newsletter.

#### 7.4 Papers accepted for publications

**Dafa-Alla, M. D.**, A. M. El Tayeb, and H. A. Sharawi. 2008. Stocking assessment and costing of harvesting of final crop as currently practiced in *Acacia nilotica* stands grown for saw logs production JONARES: 5(1). Journal of Natural Resources and Environmental Studies. University of Juba.

#### 7.5 Chapters in Books

**Dafa-Alla, M. D.** Current estimates of contribution of forestry sector to the GDP in Sudan. In: Amira A. M. S. and K. Sawsan (comp.): Study on Forest Valuation and Investment in Sustainable Forest Management in Sudan. January 2003. Ch. 2.1, 8-11.

**Dafa-Alla, M. D.** Literature review on valuation of goods and services in so far as they are relevant to Sudan. In: Amira A. M. S. and K. Sawsan (comp.): Study on Forest Valuation and Investment in Sustainable Forest Management in Sudan. January 2003. Ch. 2.2, 11-16.

**Dafa-Alla, M. D.** Outlook for social and economical implications. In: Government of Sudan. September 2000. Forestry Outlook Study for Africa. Sudan Country outlook paper. P

#### 7.6 Conference Papers

**Dafa-Alla, M. D.**, A. M. El Tayeb, and H. A. Sharawi. Taungya as a means of low-cost tree establishment and sustainable land use system. 2<sup>nd</sup> World Congress of Agroforestry, 23-28 August, 2009. Nairobi, Kenya. Accepted for oral presentation.

**Dafa-Alla, M. D.** and Wisal Abdelhadi. Assessment of Environmental Economics Status. Sudan Country Report. First Teaching Workshop on Environmental Economics for the Middle East and North Africa. ICTPM Trieste, Italy. 2005, Dec. 5 – 16. 16 pages.

#### 7.7 Technical/Consultancy Reports

**Dafa-Alla M. D.** and A. Y. Abdelgalil, 1997. Economic feasibility study of Shati Almaseela Integrated Agricultural Project, White Nile State, Sudan (in Arabic)

Sharawi, H. and **Dafa-Alla. D. M.** 1999. A proposal to undertake a study for determining prices of forest woody products. A study submitted for the Forests National Corporation (FNC). Khartoum, Sudan.

**Dafa-Alla M. D.** Facilitator report. Workshop on Resource-based conflicts. Sudan group action plan 2006-2007. Sudanese Society for Environmental Conservation. Khartoum, Sudan.

**Dafa-Alla, M. D.** 1998. Evaluation of the trial on the establishment of *Morus* spp. for the production of natural silk in Gezira State. The Forests National Corporation- Gezira State. Technical paper 1, 10 pages (in Arabic).

**Dafa-Alla M. D. 2002.** Assessment of student textbook on the Economics of Natural Resources. B.Sc. Forestry (Distance education). Sudan University of Science and Technology, Khartoum, Sudan. (in Arabic).

Goda, S., Ahmed, M. A. and **Dafa-Alla M. D. 2002.** Assessment and evaluation of the annual achievements of Forests National Corporation of the Eastern States 2001-2002. 32 pages (in Arabic)

#### 7.8 Papers Under Preparation

**Dafa-Alla, M. D.,** H. A. Sharawi and A. M. El Tayeb. Determination of financial rotation of *Acacia nilotica* plantations for saw log and sleeper production

**Dafa-Alla, M. D.** The economics of windbreaks. An ex-ante analysis.

## 7.9 Research Work in Progress

I Shelterbelt performance and efficiency for sand trapping in arid climates of Northern Sudan. Research project funded by the Ministry of Higher Education and Scientific Research.

## 8. Conferences, Workshops and Symposia

2009	2 <sup>nd</sup> World Congress of Agroforestry, 23-28 August, 2009. Nairobi,	Kenya.
2008	Near East Forestry Commission Eighteenth Session. Khartoum,	February, 18-21,
2008	African Forestry and Wildlife Commission Sixteenth Session. February, 18-21, 2008.	Khartoum,
2006	The National Workshop on Deliberations on the National Forest National Corporation. Khartoum	Policy of Sudan. Forests 14/4/2006
2006	The Twelfth National Conference for Forestry: Forests as a Pillar of Development. <i>Forests National Corporation. April 18-</i>	Peace and 22, 2006. <i>Khartoum, Sudan</i>
2005	Workshop on Forestry Curricula of Higher Education Institutes in U. of K., F.A.O. and Forests National Corporation. 8-10 November, 2005.	the Near East Region. U.
2005	First Teaching Workshop on Environmental Economics for the North Africa. Dec. 5 – 16, 2005. ICTPM, Trieste, Italy.	Middle East and
2005	Conference on Distance Education in the Sudan: Present and 18/5/2005. University of Juba in Collaboration with Sudatel.	Future. 16-
2005	The Eleventh National Conference for Forestry: Inter-department for Sustainable Development. <i>Forests National Corporation. February 22-27, 2005. Khartoum, Sudan</i>	Co-ordination as a means
2005	Workshop of policy formulation and participatory Forestry forestry. Forest National Corporation. Khartoum 14 -17/2/2005.	Decision Making making in
2005	Workshop of updating and developing curricula of colleges and Sudan. Faculty of Forestry. U. of K. 22- 23/12/2004.	departments of forestry in
2005	Conference on biodiversity and the role of natural protected banks in its protection. The Arab League. Arab Organization of Agricultural Development. Khartoum 12- 14/9/2005.	areas and gene
2004	Workshop of updating and developing curricula of colleges and resources in Sudan. University of Kordofan. 29-30/12/2004.	departments of natural
2004	Workshop on Curriculum Revision of Colleges and Departments the Sudan. University of Kordofan, 29- 30/12/2004.	of Natural Resources in
2001	National Workshop on Participatory Agroforestry Curriculum <i>University of Juba and African Network for Agroforestry Education (ANAFE). August 1-2, 2001. Agricultural Bank Hall, Khartoum, Sudan</i>	Development
2001	National Workshop on Agroforestry Education Outlook in Sudan <i>University of Khartoum and African Network for Agroforestry Education (ANAFE). May 21-22, 2001. Faculty of Forestry, Khartoum, Sudan</i>	

2001	The Seventh National Conference for Forestry: Towards Sustainable Development of Forest Resources. <i>Forests National Corporation</i> . January 10-12, 2001. <i>Damazin, Sudan</i>
1998	The Third National Conference for Forestry. <i>Forests National Corporation, Khartoum, Sudan</i>
1995	The Second National Conference for Forestry: Planning, Afforestation and Management. <i>Forests National Corporation, Wad Medani, Sudan</i>

#### 9. Membership in Professional Societies

Sudanese Society for Environment Conservation

Sudan Foresters Society.

Sudanese Social Forestry Society

The executive committee. Sudanese Social Forestry Society 2004/2006.

Sudanese Social Forestry Society

Sudanese Society for Desert Control

#### 10. Supervision and examination of postgraduate studies

##### 10.1 Co-supervision of M.Sc. Forestry

2005-2007 Najat Fadlalla Mudawi. People participation in forestry activities: methods and constraints.2007. Department of Forestry, Faculty of Forestry, University of Juba

2006-2009 Abelsalam Ismail Alfaki. The role of community participation in poverty eradication through tree planting. Department of Forestry, College of Natural Resources and Environmental Studies, University of Juba

##### 10.2 M.Sc. examinations

2005 Internal examiner M.Sc. Forestry. Abbas Ali Abdalla. The effects of storage temperature, packing method and duration on the viability of the seeds of *Azadirakhta indica*, *Conocarpus lancifilius* and *Sterculia setigera*.

##### 10.3 Now Supervising: (2 MSc)

1. Sawsan Ahmed Altayeb

2. Suliaman Yousif Mohamed