

Dr. Abdelaziz Karamalla Gaiballa

Email :gaiballa@hotmail.com

Cell: 00 249 9182 75 494

Nationality: Sudane

Date of Birth: 15th December, 1958

Marital status: Married and father (Two children).

Languages:

Arabic:	Fluent, written and spoken
English:	Excellent, written and spoken
German:	Basic level



❖ Main Qualifications

- Ph.D. (Agriculture, 1997), Management of Natural Resources (Rangelands and natural forests management. University of Khartoum - Queen University of Belfast – (Sandwich).
- M.Sc. Management and Ecology of Natural Rangelands 1990 - University of Khartoum
- B.Sc. Forestry (Honors), 1983. University of Khartoum, Sudan.
- 12 months training at queens' University of Belfast UK, on natural resources (Rangelands and forest management strategies) 1994
- One month training course on land use management and extension, Kenya, 1991(Turkana herders)
- One month training on Poverty reduction experience in China. Suzhou University China - 2005
- Three months training on wild vegetation surveying. Institute of applied Botany, Germany, Hamburg, 1987;
- One month study tour on natural resources management in central and northern India, under supervision of Tata Research Institute, India, 1992;
- One week training on Seed Bank in the natural system, Perugia, Italy, (1994);
- Two weeks training on Biodiversity and management of protected areas, Morocco, 1997;
- One week training on Micro enterprise development and business processes. Khartoum – Plan International
- Three weeks Training on forest policies and strategies – Organized by SIDA, Stockholm Sweden, 2001.
- Six months – training on Leadership development program – Action on HIV/AIDS Partnership and leadership in Sudan UNAIDS - UNDP

❖ Statistics and computer skills

Been involved in many studies and research work, good conceptual and applied experience are gained as related to:

- General statistics and data management

Good working experience in using computer for ordinary office work (word processing, spread sheet, and presentations).

Using of technical packages related to statistics or natural resources management. In addition to use of REMOTE SENSING applications in natural resources management.

❖ **Key areas of experience:**

- **Associate Professor of Rangelands and Nomads Development.** As previous head department of range science and previous dean of the college of Forestry and Range science- Sudan University of Science and Technology and conducted and published research work.
- **Rangelands management and management of natural forest systems.** Worked in eastern Sudan with borders of Ethiopia for 5 years. Worked in different parts of Sudan for more than other 5 years.
- **Nomads and agro-pastoralists Development.** Conducted a national campaign on nomads extension and conflicts resolution among pastoralists in central and eastern Sudan in 1989 and 1990 within the program of FAO and forest national corporation GCP/SUD/NET/047, and published occasional papers in this aspect
- **Livelihood and community development.** worked as livelihood consultant for Plan International for four years.
- **Baseline surveys and needs assessment.** Involved as team leader in different studies with different NGOS, covered different parts of Sudan (south Sudan Oxfam. Blue Nile, Practical Action. Western and Eastern Sudan- Plan International and Practical Action. South west Kordofan- CONCERN Worldwide- Sudan (See table below)
- **Integrated resources management.** worked in different parts of Sudan with the ministry of agriculture at field level ,
- **Project proposals and fund raising,** Have been trained and trained others in this aspect. In addition to been involved in writing many projects proposals. Also been part of teams prepared proposals for EU, and UN agencies.
- **Monitoring and evaluation.** Involved in the monitoring and evaluation of different agricultural and natural resources based projects.
- **Environmental impact assessment.** Part of the different studies conducted,
- **Trained different community groups** in south Kordofan on PRA Government staff in Blue Nile and Kassala on PRA. Trained IDPs groups around Khartoum on capacity building for income improvement , with Ockenden (UK based INGO).

❖ **Administrative experience (Sudan University of Science and technology):-**

- Head department, Range science department, college of Forestry & Range sciences (1998 -2000)
- Dean college of Forestry and Range science (2000 -2002)
- Dean of the students' Deanship, Sudan University (2002 -2007).
- Dean of the Institute for Family and Community Development (since August 2007 –till now.

Experience as lecturer:-

At under graduate level:-

In addition to Sudan University other state universities are covered.

Cover subjects of: Forest management, rangelands ecology and management, forest inventory, land use planning, range plant characteristics, range improvement, pastoral communities' development, and rural development.

At post graduate level:-

Rangeland assessment, Application of remote sensing in rangelands management, Advanced range management, Indigenous Knowledge, and Conflicts and natural resource use.

Research experience: - (Supervision of post graduate research studies)

As main supervisor for approved research

- 1- The management indicators of forested and open range lands – M.Sc. (2001).
- 2- Study on browsing in Acacia natural forests at Butana area of central Sudan. – M.Sc. (2002).
- 3- Assessment of forest fire management in Jebel Marra. – M.Sc. (2002).
- 4- Involvement of local people in the management of natural forest reserves. – M.Sc. (2002).
- 5- The effect of utilization levels on range condition at water points for proper range management. – M.Sc. (2004).
- 6- Key Approaches of Natural Rangelands Management (Rawashda forest, Eastern Sudan). – M.Sc. (2005).
- 7- Key approaches towards sustainability of range management interventions - White Nile State – M.Sc. (2005).
- 8- Communities Involvement in the Sustainable Natural Resources Management in Semi-arid Areas in Sudan – M.Sc. (2006).
- 9- Eradication of mesquites (*Prosopis chilensis*) and the possibilities of adoption of substitutes by local communities in Gash delta Kassala state – M.Sc. (2007).
- 10- The Environmental and socio-economical aspects of forests working plans (Central states –Sudan) M.Sc. (2007).
- 11- Assessment of the common reused Rangeland sampling and measurement techniques in semi arid areas of Central Sudan. – M.Sc. (2008).
- 12- Browsing and its relation to sustainable rangeland management in semi arid areas – M.Sc. (2008).

As co- supervisor

- 1- Management indicators of the range resources in wet season grazing areas, South Darfur – M.Sc. (2001).
- 2- Nutritive value of Rawakeeb flora – M.Sc. (2004).
- 3- The management indicators of natural forests - PhD (2005).
- 4- Range measurements in response of management objectives - PhD (2005).
- 5- Incorporation of spatial and temporal variation in the sustainable range management in Syrian steppe – PhD (2008).
 - 1- Spatial heterogeneity and range management in semi arid areas –PhD.
 - 2- Balanced utilization of range resources and management sustainability – PhD.
 - 3- Natural resources utilization and conflicts in Blue Nile area PhD.
 - 4- Rangeland use and conflict resolution in South Darfur – PhD.
 - 5- Potentials of rangelands improvement in South Kordofan state – M.Sc.
 - 6- Nutritive values of important browse trees in -South Sudan –M.Sc.

As co- supervisor:-

- 1- The role of different stakeholders in sustainable range management process in North Kordofan state - PhD.
- 2- Range plants/ animal relationship in North Kordofan state - PhD.
- 3- Assessment of rangelands health in South Kordofan state – PhD.

Membership in university committees (Sudan University)

- Member of the Board of Directors.
- Member of the University Senate
- Member of the University staff promotion committee
- Member of University central Academic committee.
- Member of University research council.
- Member of university Post- graduate studies committee.

❖ **Key Professional involvement in natural resources and livelihood works at governmental and non-governmental levels.**

- **Livelihood consultant**, Livelihood and Community Development, PLAN International – Sudan (INGO), 1998-2002. Main tasks included the supervision and technical verification of program-specific activities and studies, coordination with partners in implementing the organization's interventions, particularly among nomads, farmers within the Food Security and Income Development Program which covered six Plan offices in three states in Sudan
- **Livelihood consultant** for ANGATO (NNGO) working in Abyei (Transitional area in South Kordofan) war affected area. Mainly livestock raising and farming.
- **Director of Natural Resources Department**, 1996 – 1998, the State ministry of Agriculture, White Nile State. Duties included planning, administering, and supervising the activities of three departments (Forests, Range, and Soil conservation)
- **Head department** (2 years), department of Range Science Sudan University of Science and Technology.
- **Dean college**, (2 years) College of Forestry and Range Science, Sudan University of Science and Technology (SUST). Tasks included administration duties, academic activities and research in the area of integrated Forests and Range management

❖ **Field work in rural areas**

Have worked in the field (rural areas) for seven years (1983 –1989), covered eastern, western, and central Sudan.

■ Joined Forest National Corporation (Sudan – 3 years), within the project of fuel wood development for energy program, FAO/GCP/SUD/047/NET. in a program of integrated management of the natural forest system in eastern Sudan in Rawashda forest, where the activities were:-

- Range management activities.
- Integrated forest management and forest extension.
- Nomads and range related activities, as form of land use that can be involved in forest management.
- Assessment of utilization levels of the natural range system in the area.
- Forest administrative activities and production management.
- Extension among nomads and villagers.

■ Worked as range management officer (years) at Range and pasture dept. (ministry of agriculture. Sudan) in different regions in the country, (western, eastern and in the north), the main activities were :-

- Natural range management, rangelands, nomads extension, range surveying, improvement, fire lines, land use management, and vegetation surveying.
- Silvo-pasture systems establishment.

❖ **Membership and Affiliations:**

- Chairman of the advisory board of “Iqd Elnour” National NGO involved in working against cancer disease.
- Member of Sudanese society of community forests

Studies Conducted: Conducted a number of studies for number of national and international development agencies. examples are given below:

Study title and year	Responsibility	Conducted for	Coverage
Umnalla environmental Problems (2000) – Baseline study	Team leader	PDW/Canada fund	North Kordofan
laws and legislations of range forestry and wildlife within the environmental conventions in Sudan (2002)	Team leader	Arabic Organization for A cultural Development.(AOAD)	Country case study
study of agro-pastoralim in Southern Sudan (2004) – Baseline study	Team Leader	OXFAM GB	South Sudan Kaltok and Terkaka (N. Juba)
Study of water and its environment in Kilo Kilo nsin area (2005) (Baseline study)	Team leader	CONCERN Worldwide-Sudan	Abyei Locality South Kordofan
Baseline (Increasing resilience to poverty of rural communities in Kassala state) 2006	Team leader	Practical Action Sudan (INGO)	Kassala State Eastern Sudan
Community needs assessments in Blue Nile (2006)	Team member	Practical Action Sudan (INGO)	Blue Nile State

Published Contributions and seminar papers:

- Gaiballa A.K, and Gasim, O. E (2006) Relationship Between Grazing Intensity and Distance from Water Points .*Journal of Science and Technology*. 7:1 (2006)
 - Nomads and Forest management : A case study of Rawashda and Wab kabo forest reserve Project occasional paper No 19-1992 FAO/GCP/SUD/047NET..
 - Forestry Extension among nomads in central and eastern Sudan. Project occasional paper No 11-1990,.FAO/GCP/SUD/047NET Published with Doka, I. and Hamza, H.
 - Grazing in Range lands and Forests lands in the Sudan. Facts, impacts and implications for sustainable use. Listed as paper under request in the index of the proceedings of XI world forestry congress 1 pp 43 3 -22 Oct. Turkey.
 - Guidelines for integrated management of natural forests system in Sudan. Sudanese social forestry newsletter 4th issue 1998 pp 13
 - Gaiballa A.K and Farah, A.M (2004) Proposed plan of action for research on desertification in the Sudan: White Nile State. *National forum of scientific research on desertification studies*. U.OF K. and UNESCO.
 - A.E. Elgamri, A.K.Gaiballa, J.G.Goldammar (2003). Assessment of forest fire management in Jebel Marra. Proceeding of the 3rd International Wild Fire. Conference, Sydney. Australia. WWW.wildlandfire3.com
 - Gaiballa A. and Bashir, E. (2002). Development and coordination of legislation and laws on natural resources in Sudan within the frame of international conventions. Arabic Organization for Agricultural Development (AOAD). Lazigia –Syria. page 29 -64
- Gaiballa A. K and Darelneim Eisa (2004). The Range management indicators of forested and open rangelands in in arid and semi arid areas (White Nile State). *J.Sc. Tech* 5:(1) – Sudan University of Science and Technology.
- Gaiballa A. K., A.M. Lazim, and F.M. Hassaberasoul. (2003). Estimation of available browse for *Acacia tortilis* and *Acacia mellifera* in Butana area of central Sudan. *J. Sudan silva*. Vol. IX (2) . Sudanese Forests Society and FNC.
 - F.F. Bebawi, A.K. Gaiballa and L Neugeborn (1992). Forage yield and sucrose response of Rhodes and Ruzi grass to cutting height and cutting frequency. *J. Agronomy of crop science* 168, 217-225. Germany.

References:

- Mustafa Jamaluddeen Abdalla Abukasawi – Economist – Micro- enterprise - Consultant
Tel: +249-912305756 (cell) – Khartoum Sudan
- Prof. Hassan Musnad – sudan University of Science and Technology –
Tel: cell +249 912917052
- Mohammed Majzoup, Sudan Country Director of Practical Action (UK - INGO),
Tel: cell +249- 912347010.