

## C.V.

### A. Personal information

**Family Name:** Elsiddig,  
**First Names:** Elnour Abdalla  
**Professor, Faculty of Forestry, University of Khartoum, Sudan**  
**Nationality:** Sudanese  
**Passport Number:** C 0241327  
**Residence:** Khartoum, Sudan  
**E-mail:** elnour\_elsiddig@yahoo.com  
**Tel:** + 249 9 114 39339

### B. EDUCATION (Excluding short term and non relevant education)

Educational establishment	Duration of studies	Degree and Graduation Year	Main Subjects
University Collage of North Wales, Bangor, U.K.	September 1977 - Dec 1980	Ph.D. in Forestry 1980	Forestry, Agroforestry/Forest management
Royal University Denmark	July 1990 – October 1990	Postgraduate diploma in Forest Survey	Surveying forest resources and mapping
University Collage of North Wales, Bangor, U.K.	October 1970 - July 1972	B.Sc. in Forestry (1972)	Forest management, Forest Silviculture, Forest Survey and other relevant subjects

My C.V. is presented in a sequence to indicate my qualifications, experience and skills in forestry, environment, agro-forestry including four years in gum Arabic research and application.

My contribution in Sudan NAPA National Adaptation Program of Action, National communication and GHGs inventories, adaptation/mitigation and land use planning and capacity building are clear in the C.V.

An appreciable volume of my publications and post-graduate supervision, which show my contribution in these fields, are indicated.

The C.V., contains such volume of contribution at national regional and global levels, is indicative of highly competent and dynamic scientist.

### Experience in the Region

My experience in the African region gathered from various opportunities in connection with activities at regional and international levels related to studies and special workshops, in West, Central and East Africa. I visited Ghana twice and that increased my experience in West Africa forestry affairs.

I was a member of the scientific committee for Sudan and Sahel Observatory SOS (2004 – 2006) centred in Tunisia.

Out side Africa, I have wide experience in Yemen on forestry and EIA and in relation to desertification control.

In Egypt, as a member of the Arab union on Honey resources of which forests are the most important.

### C. PROFESSIONAL EXPERIENCE

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In Egypt, as a member of the Arab union on Honey resources of which forests are the most important.

### C. PROFESSIONAL EXPERIENCE

Staff member at the Faculty of Forestry, University of Khartoum since 1980 and Head Department of Forest Management and chair person of the department research strategy (June 1994 – June 2000) and Dean Faculty of Forestry and chairman of Faculty Research Board (June 2000 – June 2002). I am a member of many committees on development, academic and research affairs.

I have been a consultant on many studies and short term activities at many of the national regional and international levels (for international organizations and projects including UN, IPCC, FAO, GEF, IFAD, CARE, GTZ, FNC, Ford Foundation, Arab Organization for Agricultural Development, Lahmayer International and Ministry of Foreign Affairs of Finland – (see specific references below).

Almost 30 years of professional and practical experience in the design, management and implementation of projects related to environmental programmes and in Forestry Development, Community-based Natural Resources, dry land forestry and environment, wildlife management, rural development, and food security in Sudan. I supervise as well as train the forestry staff on Measurements, Reporting and verification (my reference is Dr. Abdalla Gaafar Mohamed Siddig [abdalla\\_gaafar@yahoo.com](mailto:abdalla_gaafar@yahoo.com) and Dr. Ismaeil Elgizoli Higher Council For Environment and Natural Resources [ismail.elgizouli@gmail.com](mailto:ismail.elgizouli@gmail.com))

Integration of policy issues into other policy areas is my concern since long time. I provided presentation of this area in the Finish training programs and policy reform with the Forests National Corporation policy revision in light of integration with other sectors policies to enhance natural resources sustainable development and community participation.

A resource person for various institutions (Forests National Corporation, Meteorological Authority, Higher Council for Environment and Natural Resource Protection, Ministry of Foreign Affairs) in the field of Climate Change and this provides for me access to staff, data and opportunities for capacity buildings, identification of best practices and understanding the needs and develop awareness policies.

- A wide experience in community-based participatory and Partnership development under dry land conditions in Sudan and in Africa,
- Conducted major work on Climate Change as shown in reference below
- Team leader for development of REDD RPP for the Sudan in connection with Sudan country partnership with UN-REDD, reference No. 3
- Reviewing and synthesizing knowledge within own areas of experience in relation to environment, Forestry and climate change: See Publications books and papers and scientific reports.
- Have good relations with national universities and international institutions as will be seen in the C.V.

#### D. Employment Record

Employment record, additional to above			
Duration:	01/1980 – ongoing	Position:	Lecturer and Researcher and consultant
Employer:	University of Khartoum and other institutions and organizations	Duty station:	Khartoum, and other stations inside and outside Sudan
Main duties:	Lecturer, researcher and supervision of PhD and MSc students in problems related to forestry, agro-forestry, Environment and Climate Change at the University of Khartoum, Faculty of Agriculture and Faculty of Forestry since 1980,		
Reference	including experience in the key topics of Climate Change mitigation and		

<p>no. 1 general</p> <p>Reference: Professor Eltayeb Elhag Ali</p> <p>University of Khartoum, UNESCO Chair of Desertification and Desertification and Desert Cultivation Studies Institute</p> <p>eltayebahmed23@ yahoo.com</p>	<p>Adaptation. The mandate of Dean in relation to research of post-graduates involves chairing the Faculty Research Board and evaluation of Research proposal for applied and scientific research.</p> <p><b>On Land use and Climate Change:</b></p> <p><b>On Environmental Impacts assessment</b></p> <p><b>In Development at National Level on forestry related issues and evaluation of projects</b></p> <p><b>On Evaluation of studies and consultancies conducted by others consultancy firms</b></p> <p><b>Presentations</b> Presentations on the "Role of forests on Climate Change Mitigation" at the Faculty of Forestry, at the Ministry of Foreign Affairs and at FNC, at conferences and workshops nationally and internationally.</p> <p><b>On Forest Management Plan Preparation</b></p>
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### Land use and Climate Change

Duration:	Sept/1998 – /to 2009	Position:	Lead Author contract
Employer:	Government of Sudan, Ministry of Environment, Higher Council for Environment and Natural Resources	Duty station:	Khartoum
Main duties:	Climate Change Enabling Project in the Sudan, 1998 – 2003, participated in GHG inventory and in the compilation of the First National Communication report (1998 – 2000) and GHG inventory and compilation of the Second National Communication Report (2008 – 2009),		
Reference No. 2	Participated in development and evaluation of projects in three states subject to land use changes and vulnerable to climate change impacts (Climate Change Enabling Project in the Sudan, 1998 – 2003).		
Dr. Ismaeil Elgizoli Higher Council For Environment and Natural Resources	Also in Adaptation mitigation of climate Change impacts in Sudan (capacity building of sectors candidates in REDD).		
<a href="mailto:ismail.elgizouli@gmail.com">ismail.elgizouli@gmail.com</a>			

Duration:	02/2002 – 2004 IPCC/AR3 and 2004 – 2006 IPCC /AR4 and presently selected as LAAR5	Position:	Member of the authors groups
Employer:	IPCC	Duty station:	Periodic meeting in selected countries
Main duties:	Contributed in the UNFCCC, IPCC, third assessment report AR3 on Land use land use change and forestry "LULUCF" contributed in Chapter 4, Forestry (during 2002 - 2004)		
Reference No. 3	Contributed in the UNFCCC, IPCC, fourth assessment report AR4 on Adaptation/Mitigation – Sustainable development during 2005 - 2007. AWARDED Noble Prize 2007		
Dr. Ismaeil Elgizoli Higher Council For Environment and Natural Resources	Presently selected as Lead Author chapter eleven of the Fifth Assessment Report to since July 2011 to be published 2014		
<a href="mailto:ismail.elgizouli@gmail.com">ismail.elgizouli@gmail.com</a>			



Employer:	Faculty of Forestry, University of Khartoum, Sudan	Duty station:	University of Khartoum
Main duties: Reference No. 4	Organized and conducted two training workshops on Climate Change Science and Climate Change inventory that was at the Faculty of Forestry, University of Khartoum, Sudan the 1 <sup>st</sup> during September 2009 and the 2 <sup>nd</sup> during October 2010.  Ref: Dr. Ismaeil Elgizoli, Higher Council For Environment and Natural Resources <a href="mailto:ismail.elgizouli@gmail.com">ismail.elgizouli@gmail.com</a>		

Employer:	Higher Council for Environment and Natural Resources (HCENR)	Duty station:	Khartoum (HCENR)
Main duties: Reference No. 5	Author contract with UNDP/GEF/HCENR for developing an Outline of National CDM Strategy for the Republic of Sudan (September/ 2010 – February 2011). The consultancy scope is to develop a policy and procedure for Clean Development Mechanism (CDM) to facilitate the role of Sudan to contribute in environmental protection and Climate Change mitigation based on CDM projects and land use good practices.  Dr. Ismaeil Elgizoli, Higher Council For Environment and Natural Resources <a href="mailto:ismail.elgizouli@gmail.com">ismail.elgizouli@gmail.com</a>		

Employer:	Forest National Corporation, (FNC) Khartoum		
Main duties: Reference 6	Consultation for development of Sudan Strategy on REDD during the period February - March 2011, provided capacity building workshop on MRV training  Dr. Abdalla Gaafar Mohamed Siddig, <a href="mailto:abdalla_gaafar@yahoo.com">abdalla_gaafar@yahoo.com</a>		

Duration:	15 man-days, February-March 2011	Position:	Contracted Author
Employer:	Forest National Corporation (FNC and IFAD)	Duty station:	Butana area east Sudan
Main duties: Reference No. 7	Author contract on assessment needs and capacity building on climate Change (REDD) and adaptive capacity in relation to community in the Butana area east Sudan. Participated in project formulation.  Dr. Abdalla Gaafar Mohamed Siddig, <a href="mailto:abdalla_gaafar@yahoo.com">abdalla_gaafar@yahoo.com</a>		

Duration:	November/2011	Position:	Contributing author
Employer:	IPCC	Duty station:	Amsterdam
Main duties: Reference No. 8	Contributed in a four day meeting and discussion on the impact of Nitrogen on climate Change and then the outcome of the meeting is a design of a paper in which 20 expert contributed.		

## Environmental Impact Assessment

Duration:	09/2007 – ongoing	Position:	EIA Expert
Employer:	Lahmayer International	Duty station:	Khartoum
Main duties: Reference No. 9	Worked on ESIA in the Blue Nile, Dinder and Rahad irrigation project, with main duties on: <ul style="list-style-type: none"> <li>• Forests surveys, Forests Reserves locations, Forests and communities in</li> </ul>		

Lahmeyer International Khartoum	<p>the area and project impacts</p> <ul style="list-style-type: none"> <li>Impact of land use on Dinder National park and on Pastoralists and nomadic routes within the area from southern Blue Nile State to Senar State and Northern Gezira State, Butana grazing areas Northern</li> </ul> <p>Reports on history and extent of expansion of mechanized farming in Gedarif, Gezira, Sennar and Blue Nile States and the impact on Dinder National Park</p>
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Duration:	07/2009 – 12/2009	Position:	Contracted Author and member of a team as environment expert
Employer:	Ministry of Agriculture, Yemen	Duty station:	Yemen (20 days for data) and Sudan to complete work
Main duties:	Author contract on study on EIA on modern irrigation projects in 16 governorates on the high lands and coastal plain in Yemen in 2009. A consultancy report for the ministry of Agriculture, Yemen.		
Reference No. 10			

Duration:	One man-month, Februar 2011	Position:	Contracted Author
Employer:	Ministry of Electricity and Dams	Duty station:	Khartoum
Main duties:	Author contract on a peer review on an evaluation of eight studies on Environmental Impact Assessment on eight dam construction sites on the Nile, the Blue Nile and Atbara River conducted by international consultancy firms		
Reference No. 11			

Duration:	Two man-month, March - May 2011	Position:	Contracted Author
Employer:	Environmental Division, Kenana Sugar Company, Khartoum (KSC)	Duty station:	Khartoum
Main duties:	Author contract on a peer review on Environmental Impact Assessment of three irrigated agricultural Projects along the Blue Nile in Sudan, proposed for Sugar Production		
Reference No. 12	Dr. Abdelrahman Eltahir, (KSC), <a href="mailto:dratahir@yahoo.com">dratahir@yahoo.com</a>		

Duration:	04/1999 – 12/1999	Position:	Contracted Author
Employer:	Wady Hadhramout Agricultural Development/ Yemen	Duty station:	Yemen (2months) and Sudan to complete the work
Main duties:	Author contract on a study of mesquite spread and environmental impacts assessment in Wadi Hahdramout, Yemen 1999. A consultancy report for Wadi Hahdramout agricultural project leading for a project for Mesquite control and management.		
Reference No. 13			

## Forestry and Natural Resources

Duration:	04/2007 – 12/2007	Position:	Contracted Author and team leader
Employer:	Forests National Corporation (FNC)	Duty station:	Khartoum
Main duties:	Author contract for the FNC/FAO on updating Forest Sector Review in Sudan: to update the review publish by World Bank 1984 updated as Forestry Sector Review 2007.		
Reference No. 14	Ref: Dr. Abdalla Gaafar Mohamed Siddig, <a href="mailto:abdalla_gaafar@yahoo.com">abdalla_gaafar@yahoo.com</a>		

Duration:	04/2001 – 12/2001	Position:	Contracted author and Sudanese team leader
Employer:	IGAD/IUCN	Duty station:	Nairobi 10 days and KRT



			rest of period
Main duties: Reference No. 15  IGAD Djibouti and IUCN, Nairobi	Author contract for a study on Community-Based natural resource management in the IGAD region, report and published as a book in which I wrote chapter 7 on Sudan.		
Duration:	April/1994 – April/1995	Position:	Consultant Author contract
Employer:	FAO/FNC	Duty station:	Khartoum, and visits to sites
Main duties: Reference No. 16  Prof. Hassan Osman ABDEL NOUR +249 9 22535526 <a href="mailto:hoanour@gmail.com">hoanour@gmail.com</a>	FAO/FNC project GPC/SUD/047/NET <ol style="list-style-type: none"> <li>1. National Forest inventory April/1994-April/1995, personal role Inventory Consultant</li> <li>2. Fuel Wood Development for Energy in Sudan August/1995 - December /1995, Elrawashda Forest Reserve, tasks Inventory and Data entry and contribution to management plan preparation.</li> <li>3. Training of Forests National Staff on inventory and compilation of the management plan for Sunt (<i>Acacia nilotica</i>) flood-basins plantations along the Blue Nile (during 1996 – 1998) personal involvement Team leader</li> </ol>		
Duration:	03/1994 – 10/1994	Position:	Contracted author and team leader
Employer:	FNC/GTZ	Duty station:	Three weeks in Jebel Marra Forest Circle (JMFC) and the rest in KRT
Main duties Reference No. 17	Evaluation of the GTZ/FNC Forestry project in Jebel Marra and submission of report on social and environmental impacts.  Prof. Hassan Osman ABDEL NOUR +249 9 22535526, <a href="mailto:hoanour@gmail.com">hoanour@gmail.com</a>		
Duration:	01/1996 – 12/1997	Position:	Contracted author and team leader
Employer:	FNC/GTZ/JMFC Project	Duty station:	JMFC two months and KRT
Main duties: Reference No. 18	Data collection and compilation of a Ten-year management plan (1996 - 2006) for soft-wood and Eucalypts plantation in Jabel Marra Forest Circle (JMFC).  Ref: Prof. Hassan Osman ABDEL NOUR +249 9 22535526, <a href="mailto:hoanour@gmail.com">hoanour@gmail.com</a>		
Duration:	June 1998 – December 1998	Position:	Contracted Author and team leader
Employer:	JMFC/SECS/British Embassy	Duty station:	Jebel Marra for 20 days and completed in KRT
Main duties: Reference No. 19	Community-based Study (1998) Natural Forests Reserves Management in Jebel Mara forest Circle with consideration to community needs.  Ref: Prof. Hassan Osman ABDEL NOUR, +249 9 22535526, <a href="mailto:hoanour@gmail.com">hoanour@gmail.com</a>		
Duration:	01/2001 – 12/2001	Position:	Contracted author and team leader
Employer:	GEF/FNC	Duty station:	JMFC for 2 months and completed in KRT
Main duties: Reference No. 20	Feasibility study: Bio-diversity assessment and management in Jebel Marra area.  Prof. Hassan Osman ABDEL NOUR, +249 9 22535526, <a href="mailto:hoanour@gmail.com">hoanour@gmail.com</a>		

Duration:	January/1998 – September/1998	Position:	Consultant Author Contract
Employer:	Ford Foundation/Institute of Environmental Studies , Univ. KRT	Duty station:	Khartoum, and visits to sites
Main duties:	Mesquite Spread Study		
Reference No. 21	1. Socio-economic, Environmental and management aspects of Mesquite ( <i>Prosopis juliflora</i> ) in East Sudan January/1998 – September/1998. Personal tasks included, (i) Mesquite survey and mapping along Gash River (ii) Questionnaire of communities and (iii) a consultancy report for Ford Foundation/ Institute for Environmental Studies, University of Khartoum, Sudan.		
Institute of Environmental Studies, University of Khartoum			

Duration:	07/2004 – 12/2005	Position:	Contracted Author
Employer:	FAO/ Cairo	Duty station:	Sudan
Main duties:	Author contract with FAO/Cairo on the following topics as a forestry/ agro-forestry expert		
Reference No. 22	1. Author contract with FAO/Cairo on a study on "Prosopis species in <u>Yemen, Sudan, Oman and Somalia</u> , July – September 2004		
	2. Author contract with FAO/Cairo on a study on "Forestry Education in Near East countries with reference to <u>Sudan, Egypt, Syria, Iran, Turkey and Cyprus</u> , September/2005. – December/2005.		
Ref. Prof. Hassan Osman ABDEL NOUR +249 9 22535526 hoanour@gmail.com			

Duration:	2006	Position:	Contracted Author member in a team from Finland
Employer:	Ministry of Foreign Affairs (Finland) and VITRI (Tropical Resource Institute of Finland)	Duty station:	KRT, Sudan
Main duties:	Contracted for a study on: Partnership between public and private actors in forest-sector development: Options for dry land Africa based on experience from Sudan with case studies on Laos, Nepal, Vietnam, Kenya, Mozambique and Tanzania. (Tropical forestry Report (31) VITRI 2006.		
Reference No. 23	Ref: Pof. Olavi LUUKKANEN, Tropical Resource Institute, Finland, +358 (0)9 19158643 olavi.luukkanen@helsinki		

Duration:	1996 - 1999	Position:	Supervisor for MSc student on integrated forests and Wildlife Management in Jebel Marra
Employer:	University of Khartoum	Duty station:	Jebel Marra as visits for 3 months
Main duties:	A consultancy for the Higher Council for Environment protection leading to a two years supervision on an MSc study on Integrated management of forests and wildlife development in Jebel Marra		
Reference 24			

Duration:	December 2003 – January 2004	Position:	Contracted author and team member (for 2 manmonth)
Employer:	Higher Council for Environment and Natural Resources,	Duty station:	Sennar
Main duties:	A report on Management and Land Use Planning in Dindir Park Area (Blue Nile, Sennar & Gedarif States): For prosperous Future associated with a training Workshop held in		



Reference 25	Senner State for awareness raising of communities and administrators of different sector related to Dindir Park Development in relation to Land Use in Blue Nile, Sennar & Gedarif States, Sudan. December 2003.  Ref: Pr. Kamal Shdad, Sudanese Conservation and Environmental Society
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Duration:	01/1991 – 12/1999	Position:	Contracted author and team member (12 members)
Employer:	Forestry Commission, Zimbabwe / Arab Organization for Agric Development, KRT	Duty station:	Harari for two weeks and completed in KRT
Main duties: Reference No. 26  Arab Organization for Agricultural Development and	Feasibility study on management of Nature Reserves in Zimbabwe for forests products, hunting and photographic Safarie and watershed management based on communities involvement		

Main duties:  Expert for peer review for a main evaluation report for the MFAs of Finland Reference No. 27	15-mandays Author Contract (07/01/2010 – 21/01/2010) for the Ministry of Foreign Affairs of Finland conducted a peer review on an evaluation of "Forestry and Biological Resource Intervention in Partner Countries (four African countries) of Finland for the period 2000 – 2010. The evaluation conducted by a consultant company and I evaluated the compliance of the main evaluation to terms of reference.		
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## Desertification and Land Degradation

Main duties: Reference No. 28	30 days in 2006, author Contract for the University of Khartoum Consultancy Corporation on feasibility study on possibilities for desertification and sand movement control in a locality of Dongula Northern State taking Latti Project (East Nile) as a case study.  University of Khartoum Consultancy Firm		
Main duties: Reference No. 29	Supervised three studies on the effect of rain fall decrease and isohyets southward shift on the extent and productivity of the gum Arab in Kordufan  Thesis submitted during 2002, 2004 and one on-going		

Main duties: Reference No. 30  Ref: University of Khartoum Consultancy Firm	Two months consultancy in 2011 on planning and implementation of integrated land use plan, in collaboration with the University of Khartoum Consultancy Corporation and Dam Implementation Unit of the Ministry of Electricity and Dams for the settlement of displaced people affected by Heightening of Roseiris Dam on Blue Nile using approaches for rehabilitation of degraded lands on Karab and clay plain in Sennar and Blue Nile states.		
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Main duties: Reference No. 31	Two months consultancy in 2012 on planning and implementation of integrated land use plan, in collaboration with the University of Khartoum Consultancy Corporation and Dam Implementation Unit of the Ministry of Electricity and Dams for the settlement of displaced people affected by Upper Attbara Dam on Upper		
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Ref: University of Khartoum Consultancy Firm	Atbara River using approaches for rehabilitation of degraded lands on Karab and clay plain east of Atbara River in Kassala and Gedaref states.
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### Training Workshops

Main duties: Reference No. 32	Organized three training workshops at the Faculty of Forestry, University of Khartoum each for a duration of five days having participants from the different States of Sudan, on issues related to Environment and Climate Change
Main duties: Reference No. 33	Presented a training course on "The interface between Human beings and their Environment" presented at the Faculty of Environmental Health at the University of Goma in Democratic Republic of Congo during (4 – 15/12/2013)
Main duties: Reference No. 34	Contract with the FNC/UN for the development of Sudan partnership with UN-REDD, team leader during Jan. 2013 – Feb. 2014

With respect to Desertification I cooperate with the University of Khartoum, UNESCO Chair of and Desert Cultivation Studies Institute ([eltayebahmed23@yahoo.com](mailto:eltayebahmed23@yahoo.com)). I have a long experience in desertification control when I was a deputy Gum Arabic officer in western Sudan where Acacias including Acacia senegal are the major species in this field of desertification control.

### E. Conferences and presentations on Climate Change Issues and other Environmental Issues

Participated in approximately (30) conferences and scientific meetings (at national and international levels) with themes on Agroforestry, community participation, Climate Change and environmental education, presenting papers mentioned in the list of publications. Some examples include (This satisfies requirements of third bullet on Duties and Responsibilities for the job):

- Contributed in the IPCC good practice guidance for land use, land use change and forestry (LULUCF) a lead author in chapter 4, Forestry of the report 2004 in the WG3 for the AR3 contributing in five IPCC meetings in five countries during 2002 - 2004.
- Contributing in the IPCC activities of WG3 AR4 Adaptation-mitigation Sustainable development under the UNFCCC, Lead author in chapter 9. The report (Noble Prize Winner) published 2007. Participated in five IPCC meetings in five countries.
- Participated in the international conference organized by the CCD in Botswana in September 2003 on agroforestry development and its relation to CCD and UNFCCC and had a presentation.
- As a lead author in the IPCC reports, I participated in the Informal Dialogues on Land Use Land Use Change and Forestry in Spain (April 2006) and participated in the workshop in (Austria May 2006) both on deforestation and provided a presentation on "Reducing emission from deforestation in developing countries".
- As a lead author for the IPCC I also participated in the IPCC science policy Africa dialogue in Ghana October 2009 and in Tanzania January 2010.
- Contributed in the Regional workshops on nature reserves development in the Horn of Africa held in Dinder National Park in 2000.

- Contributed in meetings and workshops conducted by the Ministry of Foreign Affairs Sudan concerning awareness and perceptions development of Sudanese negotiators in International meetings and Copenhagen Sumet2009.

#### **In Finland from 01/02/ - 14/02/2010**

- Presented the case of Climate Change and the needs of African countries with examples from Sudan, presented at the University of Helsinki (9<sup>th</sup> of February 2010).
- Participated in the international conference on Crisis, Conflicts and Development, organized by UniPID in Finland 11 – 12/02/2010 and presented a paper on: “Ways for management of post-conflict Forestry Resources in Sudan: Casae of Darfur”
- Interviewed by the Ministry of Foreign Affairs of Finland covering issues of forest policy, forest development and relations to conflicts and development in Sudan. (See web-site: finlanf. globa.fi”

#### **In Africa Carbon Market Finance 24 – 27 January 2011**

- Contributed by two presentations one on the future of CDM in Sudan and the second on strategy of Sudan on REDD.

#### **In Australia 26 – 29/03/2012**

- Contributed by a paper and a presentations on Community-based natural resource management on Climate Change Mitigation within Nile Basin

#### **F. Experience in Academic and research affairs**

- Staff member at the Faculty of Forestry, University of Khartoum since 1980 and a member of the Faculty Research Board and many committees on academic and research affairs
- Head Department of Forest Management (June1994 – June 2000) and chairman of the department research board.
- Dean Faculty of Forestry (June 2000 – June 2002) and chairman of the Faculty Research Board.
- Member of the Faculty Research Board, at Faculty of Forestry, Faculty of Agriculture and Institute of Environmental Studies, (University of Khartoum).
- Member of Senate (June 1994 – June 2002), mandate of Senate is decision making and approval of Research Strategies for Post-graduate students.
- Member of the advisory council in academic affair, ministry of Higher Education June 2000 – June 2002 (When I was Dean of Faculty of Forestry). Mandate is development of higher education and research strategies.
- Consultant for FAO Cairo on evaluation of Forestry Curricula in Higher Forestry Institutions in Middle and Far-East countries (January 2004 – March 2004)
- Participated and Presented a paper on "Development of Forestry Curricula and research strategies in Middle and Far-East countries, held in Khartoum, at the Forest National Corporation September 2004)
- Visiting Professor and evaluation of Curricula in Sudanese Universities and member of committees for curricula development (University of Kordufan, University of Juba, University of Sennar).
- External examiner and Curricula evaluator, Bakht Alruda University 2004.
- Have strong relations with international Universities as visiting lecturer and supervisor of MSc and PhD students (University of Helsinki, University of Oslo, University of Padova



(Italy), and the United Nations University all on issues related to forestry, environment and Climate Change)

- Presented a paper on "Successful examples of academic scientific relations between Sudan and Finland in a conference **react to Act, held** in Hesinki 2002.

### **G. LANGUAGE ABILITIES**

Arabic is mother tongue

Good command of English language:

Yes, fluent in oral and written English. Many publications in English and experience giving presentations in international forums

### **H. Publications**

#### **Books**

1. **Elsiddig, E.A. 2007.** Jebel Marra: The Potentials for Resources and Rural Development IN Darfur. El-Gawda Press, Khartoum. 232 p. (Chapter on eco-tourism)
2. **Elsiddig, E.A. 2006.** Tree measurements in Sudan, University of Khartoum Press. In Arabic
3. **Elsiddig, E. A. 2004.** Community Based Natural Resource Management in the Sudan, (**Chapter 7**). In: Awimbo, J. Barrow, E. and Karaba, M. (2004). Community Based Natural Resource Management in the IGAD regional IUCN, The World Conservation Union, Nairobi.
4. **Contributed in the international publication of the Intergovernmental Panel on Climate Change (IPCC): IPCC 2004 and 2007 publications.**
  - 4.1. **IPCC Good Practice Guidance for Land Use, Land-Use Change and Forestry 2004.** UNEP, WMO, IGES, Printed in Chambride.
  - 4.2. **Intergovernmental Panel on Climate Change, (IPCC), Climate Change 2007. Mitigation of Climate Change.** Chapter 9 Forestry.
  - 4.3. Lead Author in IPCC "Supplementary Good Practice Guidance Arising from Kyoto" 2013.
  - 4.4. Lead Author chapter 11 in the fifth assessment report of the IPCC (2014)
5. Luukkannen, O., p. Katila, **Elnour Abdalla Elsiddig**, Edinam Glover, Huda Sharawi, and Mohamed Ahmad Elfadl **2006.** Partnership between public and private actors in forest-sector development, options for dryland Africa based on experience from Sudan. Study commissioned by Ministry of Foreign Affairs of Finland, Department of International Development Cooperation, Helsinki.
6. Contributed in the Sudan National Communication 2003 in two chapters

#### **Papers**

## Papers on Environment and Climate Change

1. **Elsiddig, E.A.** 1999. National conversion factors of forestry and grassland for CO<sub>2</sub> inventory in Sudan. A paper for the training workshop on Carbon dioxide issues held at the Higher Council for Environment and Natural Resources for training of the national team, for Green House Gas (GHG) inventory, Khartoum Sudan, Sept. 1999.
2. Hussan, S.G.; Musnad, H.A. and **Elsiddig, E.A.** 2004. Strategy and methodology of research on desertification in the Sudan: Forestry Sector. Proceedings of the National Forum of Scientific Research on Desertification in the Sudan. Al-Sharga Hall, Khartoum, 16 – 18 March 2004. Edited by Professor Mukhtar Ahmed Mustafa and Dr. Ahmed Ali Mahdi.
3. Ballal, M.E.; **Elsiddig, E.A.**; Elfadl, M.A. and Lukkanen, O. 2005. Relationship between environmental factors, tapping dates, tapping intensity and gum Arabic yield of an *Acacia senegal* plantation in western Sudan. *Journal of Arid Environment* 13.
4. **Elsiddig, E.A.** Elyas A. E. and Elfadil, B. 2005. The application of space technology for detection of forest cover change to facilitate decisions on management options. Proceedings of the International Workshop on Space Technology for Peace, Rehabilitation and Development, organized jointly by Inter-Islamic Network on Space and Technology and Remote Sensing Authority – Sudan. 26 – 29/ September/ 2005, Khartoum.
5. Lugman Mohamadein Mohamed, **Elnour Abdalaa Elsiddig**, Mohamed Nefatti and Abdalla Gaafar Mohamed, 2007. Causes of Desertification in the Sudan: Tree cover changes in Rawashda forest, Eastern Sudan. *Discovery and innovation, Volume 18 (AFORNET Special Edition No. 4): 375 – 3*
6. Wafa Nori; **Elnour Elsiddig** and Irmgard Niemeyer 2008. Detection of Land Cover Changes Using Multi-Temporal Satellite Imagery. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. Vol. XXXVII. Part B7. 948 – 951. Beijing.*
7. **Elnour Abdalla Elsiddig** and Talaat Dafaala Abdelmagid 2008. Deforestation along the Nile and the surrounding Clay plains of Central Sudan. Nile Basin Development Forum (NBDF), Khartoum, Sudan 17 – 19 November 2008.
8. Wafa Nuri; Irmgard Niemeyer and **Elnour Abdalla Elsiddig** 2008. Detection of Pixel-level and cover change with Multi-temporal Imagery. Nile Basin Development Forum (NBDF), Khartoum, Sudan 17 – 19 November 2008.
9. **Elsiddig, Elnour Abdalla**, Improving traditional land use practices in dry lands of Sudan in contribution to adaptation to Climate Change impacts. *Nature & Faune*, Vol. 25, Issue 1, 90 - 96

## Papers on Forest Management

10. Hetherington, J.C. and **Elsiddig E.A.** 1983/84 Aids to the management of *Acacia nilotica* plantations in the Sudan. *Forest Ecology and Management (1983/1984) 275-289.*
11. **Elsiddig, E.A.** 1987. The construction of volume and height equations for *Eucalyptus camaldulensis* on gref land along the Blue Nile. *Sudan Silva* No 26 Vol. VI 83-87

12. **Elsiddig, E.A.** 1992. How to sustain inventories through declining budget. Proceedings of the Stand Inventory Technologies, An international Multiple resource Conference, the World Forestry Center, Portland, 13 – 17/09/1992.
13. Eltayeb, A.M.; **Elsiddig E. A.** and Erabi E. B. 1993. Construction of volume tables for Eucalyptus plantations in irrigated schemes and Blue Nile gref lands. *U. of K J. Agric. Sci.* Vol. 1, No. 2. 37-47.
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15. **Elsiddig, E.A.** 2002. The management of *Acacia nilotica* L. plantation along the Blue Nile flood basins in Sudan for sustainable production: A Review. *U. of K. J. Agric Sci.* 10 (1) 119-130.
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17. **Elnour Abdalla Elsiddig**, Talaat Dafaalla Abdelmagid and Abdalla Gaafar Mohamed 2008. Sustainable use of dry lands for forest production in the Sudan. In:Proceedings of the National Symposium of Sustainable use of the drylands in Sudan, 17 – 18 June 2008, Edited by Professor Mukhtar Ahmed Mustafa and Professor Ahmed Ali Mahdi.
18. E. K. Glover and E. A. **ELsiddig** 2012. The causes and consequences of environmental changes in Gedaref, Sudan. Land Degradation and development 2012. John Wiley & Sons, Ltd
19. **Elsiddig E.A.** (2012) Community-based natural resource management with a climate change perspective: Focus on Nile Basin Communities. A Paper for the workshop on Climate Change Mitigation, Local Communities and Indigenous people, Cairns, Australia 26 – 28/2012.

#### **Papters on Agroforestry**

20. **Elsiddig, E.A.** 2003. The use of *Ziziphus spina-christi* as Agroforestry component in Yemen. *U. K. J. Agric Sci.* 11 (1): 107 - 116.
21. **Elsiddig, E.A;** Luukkanen, O. Batahir, A.S. and Elfudl, M.A. 2003. The importance of *Ziziphus spina-christi* in the drylands with reference to Yemen. Proceedings, The 3<sup>rd</sup> Arab International Apicultural Conference, Tanta – Egypt (28 – 31 December 2003).
22. Ballal, M.E.; **Elsiddig, E.A.;** ElfAdl, M.A. and Luukkanen, O. 2005. Gum arabic yield in differently managed *Acacia senegal* stands in western Sudan. *Agroforestry Forum*, 63: 237 – 245.
23. **Elsiddig, E.A.;** Elballal, M.E. and Abdelmagid, T.D. 2005. The *Acacia senegal* Agroforestry system in the Sudan. Proceedings of the Planary Garden'05 workshop, Brazil, 26 – 28 September, 2005.

#### **Papers on Community Participation**

24. **Elsiddig, E.A.** 2003. Management of dry-land forest reserves in Sudan based on participatory approach. In Elsharahan, A.S; Wood, W.W.; Goudie, A.S.; Fowler, A. and Abdellatif, E.M. *Desertification of the Third Millennium*, 361 – 364.



25. **Elsiddig, E.A. 2003.** The Importance of Trees and Forests for local communities in Dry Lands of Sub-Saharan Africa. VITRI/ETFRN/IUFRO-SIDO workshop, Finland 30 June – 4 July 2003. Website: <http://honeybee.helsinki.fi/tropics>
26. Magid, T.D. and **Elsiddig, E.A. 2003.** Social forestry in the Sudan – Its current status and future potential. Proceedings, XII World Forestry Congress: Area C – People and forests in Harmony, Quebec City, Canada, September 2003.
27. Ali, A.M.; **Elsiddig, E.A.** and Dehaib, A.A. 2005. Resource Based Conflicts RBC Some Cases from North Sudan. *Social Forestry and Environment Newsletter –Volume II, No. VII. 1 – 6.*
28. **Elsiddig, E.A. 2006.** The role of indigenous knowledge in the livelihood activities of rural communities in Sudan. Paper accepted to be presented and published in the proceedings of the international conference on Dry area development. 25 – 28 February, 2006, Beijing, China.
29. Fobissie B. Kalame, Olavi Luukkanen, **Elnour A. Elsiddig**, Edinam K. Glove **2009.** Tree Knowledge and Livelihood Activities in a Changing Environment: Views from Smallholder Farmers in Kosti, Sudan. *Journal of Sustainable Forestry Volume 29.*
30. Glover, E.K.; Luukkanen, O and **Elsiddig, E.A. 2005.** Community-based forest management strategies for increasing the forest cover in Gedaref, Sudan. Proceedings, The Regional Workshop of Scientific Research and Research Action Plans for Combating Desertification, 22 – 24 November 2005, Alsharga Hall, University of Khartoum, UNESCO Chair of Desertification Studies, Desertification and Desert Cultivation Studies Institute, Sudan. Edited by Prof. Mukhtar Ahmed Mustafa and Dr. Ahmed Ali Mahdi
31. Kalame, F.B.; Luukkanen, O. **Elsiddig, E.A.** and K.E. Glover 2006. Community-based natural resource management in drought-prone areas in Central Sudan. A paper presented for the conference on managing drought and Water scarcity in vulnerable environment: Creating a roadmap for change in the United States, (18 – 20 September 2006).
32. Talaat D. A, **El Nour E. A,** and Lugman M, 2008. Desertification in Sudan Experiences and Lessons Learned. INTERNATIONAL CONFERENCE ON 'LEARNING FROM THE DESERT: FROM CONSTRAINT TO AN ASSET', Douz, Tunisia, 12-16 November 2008
33. Elnasri M. Mutwali, Sayda O. Elhiweris and **Elnour A. Elsiddig**, 2009. Effect of Light on seedling growth. The Scientific Journal; Scientific refereed Journal of Elzaim ELazhari University Jour. No. 7
34. **Elsiddig, E.A. 2010.** Ways for post-conflict management of Forestry resources in Sudan: Case of Darfur. Paper presented for the International Conference on Crisis, Conflict and Development, University of Finland 11 – 12/02/2010.
35. **Elnour Abdall Elsiddig 2002** Successful Results from Sudan-Helsinki Academic Co-operation in the Field of Forestry, Proceedingd, React to Act, Seminar 17/4 – 20/4/2002, University of Helsinki. Edited by Professor O. Luukkanen, University of Helsinki
36. **Elnour Abdalla Elsiddig 2002.** Development in forestry education in the Sudan. Tropical Dryland Rehabilitation Workshop, 11 – 14 June 2002, University of Helsinki, Hyytiälä Forestry Field Station. <http://honeybee.Helsinki.fi/tropic/workshop/abdalla.htm>

37. Mohamed Khamis, **El Nour El Siddig**, Ayoub Khalil, 2012. Analysis of Natural Regeneration of *Boswellia Papyrifera* Stands in Southern Kordofan State, Sudan. Tropentag, September 19-21, 2012, G"ottingen - Kassel/Witzenhausen, "Resilience of agricultural systems against crises"
38. Mohamed Khamis, **El Nour El Siddig**, Ayoub Khalil and Elmar Csaplovics 2013. Changes in forest cover composition of *Boswellia papyrifera* stands and their consequences, South Kordofan, Sudan. *Journal of Environmental Science and Engineering*
39. PETE SMITH, et al. (**ELNOUR A. ELSIDDIG** + ovrr 25 authors (2013)). How much land-based greenhouse gas mitigation can be achieved without compromising food security and environmental goals? *Global Change Biology* (2013) 19, 2285–2302, doi: 10.1111/gcb.12160.
40. Yahia Omar Adam and **Elnour Abdalla Elsiddig**, 2013. A Note on Climate Change Impact and Adaptation Strategies in North Kordofan State, Sudan. *U. of K. J. Agric. Sci.* 21(1), 134-139, 2013
41. **Elnour Abdalla Elsiddig**, 2014. Some aspect of climate changes and impacts on human livelihoods. A paper to be submitted for the fifth post graduate conference February 2014, Shambat
42. **Elnour Abdalla Elsiddig**; Manal Ali Abdelhalim and Elyas Ahmed Elyas, 2014. Assessment of some aspects of climate change impacts and approaches for mitigation in Kassala State. A paper to be submitted for the fifth post graduate conference February 2014, Shambat.
43. Mustafa M. El-Abbas and **Elnour A. Elsiddig** 2014. Assessment of Deforestation and Forest Degradation in the Blue Nile Region, Sudan (1996-2005) Using Remote Sensing and GIS Techniques A paper to be submitted for the fifth post graduate conference February 2014, Shambat.

## **I. Scientific Studies and Reports**

conducted various consultancies on various issues on the Community participation (No.1, 2, and 3), Environment, deforestation, desertification and drought in the dry lands of Sudan, contracted by organizations including FAO, GEF, SOS Sahel and GTZ in Sudan and regional.

1. **Elsiddig, E.A.** 1996. The management of natural forest reserves in Sudan on participatory approach. A report to FAO/FNC (Forest National Corporation). Forestry Development project in Sudan (at the FNC ledger files ).
2. **Elsiddig, E. A.**; Eltayeb, A. M. and Abdelgadir, A. Y. **1998**. Sustainable management of natural forests in Jebel Marra with consideration to community needs. A consultancy report for the British Embacy and SECS (Sudanese Environmental Conservaation Sosciety in Sudan) (at the SECS files).
3. **Elsiddig, E.A.**; Abdelsalam, A.A. and Dafaalla, T. **1998**. Socio-economic, Environmental and management aspects of Mesquite (*Prosopis juliflora*) in East Sudan. A consultancy report for Ford Foundation/ Institute for Invironmental Studies, University of Khartoum, Sudan.
4. **Elsiddig, E. A.**; Badi, K. B. and Wani P. 2001. Bio-diversity assessment in Jebal Marra. A consultancy report for UNDP/JEF for bBio-diversity Project in Jebal Marra in Sudan (at the UN files).
5. **Elsiddig, E. A.** **2004**. A study on *Prosopis* species in Sudan, Yemen, Oman, and Somalia. A review for FAO, Cairo. Edited by Professor Hassan Osman Abdelnour, Former Director General, Forests

National Corporation; Ex-State Minister, Ministry of Agriculture and Forests; Ex-Regional Officer, FAO, Cairo

6. **Elsiddig, E. A. 2005.** A study on Forestry Education in Near East Country with reference to Sudan, Egypt, Syria, Iran, Turkey and Cyprus. A review for FAO, Cairo. Edited by Professor Hassan Osman Abdelnour, Former Director General, Forests National Corporation; Ex-State Minister, Ministry of Agriculture and Forests; Ex-Regional Officer, FAO, Cairo

7. **Elsiddig, E.A.; Talaat Dafaala Abdelmagid 2007.** Sudan Forestry Sector Review. Forests National Corporation, National Forest Programme. (Editor: Professor Hassan Osman Abdelnour).

#### **J. Other special talents/qualifications (special research)**

I supervised 17 PhD and 45 MSc. Students on Forestry and land Resource Management, & social forestry at the Faculty of Forestry, University of Khartoum and other universities including one PhD at the University of Helsinki being a co-supervisor. Presently appointed a supervisor for six PhD and ten MSc students basically on Climate Change issues and adaptation mitigation. The problems areas cover sustainable forest management, aforestation/deforestation, agro-forestry management, forest yield science and forest measurements. Below are selected examples.

#### **K. Professional Activities (Committee Memberships)**

- Member of the Editorial Committee of “The Publication of a Quarterly News letter on Biomass Energy” for the FAO Forestry Development Project in the Sudan: GCP/SUD/047/NET, 1994 – 1999.
- A member of the Biomass Energy Network in Sudan (NGO). The National Energy Administration, Ministry of Energy, Khartoum. Participated in the foundation of the organization, 1992 and member til 1998.
- Member of Academic Board of Institute of Environmental Studies (IES) of the University of Khartoum.
- A member of the International Union of Forestry Research Organization (IUFRO) since 1976, and participated in four conferences in Oslo, Tanzania, USA and South Africa, papers in the list.
- A member of the Strategic Orientation Committee of the OSS Sahl, (an advisory committee on research, drought impacts and climate change issues in Africa. OSS is stationed in Tunisia and concerned with Conferences and Workshops held in the region in collaboration with Tunis under UNESCO.

**L. Computer Knowledge and Skills**      good experience