

Curriculum Vitae

Personal Details

Name: Elnour Abdalla Elsiddig, Sudanese,
Faculty of Forestry, University of Khartoum, Postal code 13314
Resource Management, & social forestry Shambat, Sudan.
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Educational Background

1. Ph.D. 1980 Forestry, University College of North Wales, Bangor, U.K.
2. Postgraduate Diploma (1990) in Forest Survey, Copenhagen, Denmark.
3. B.Sc. (1972) Forestry, University College of North Wales, Bangor, U.K.
4. B.Sc. (1970) Faculty of Science, University of Khartoum, Sudan.

Work Experience

Lecturer and researcher at the University of Khartoum since 1980, and a long experience in the fields of;

- Tropical and arid zone natural resource management, Community development, stakeholder analysis, community-Based natural resource management and social forestry and agroforestry systems.
- Contributed in National Inventory of CO₂ in Sudan in collaboration with the Higher Council for Environment and Natural Resource and the IPCC for the first and presently second national communication reports.
- Contributed in the UNFCCC activities in relation to the IPCC work on climate change (contributed in the LULUCF guidelines as a lead author in chapter 4 on Forestry in AR3) and in the publication on Adaptation/Mitigation – Sustainable development in AR4.
- Presentations on the “Role of forests in Climate Change Mitigation”.
- Nominated by Sudanese Government to represent Sudan in the scoping meeting of the IPCC for the AR5.
- Contributed in the training programme for capacity building in CO₂ Inventory in Sudan IN 1998 and in 2009..

Experience with UN, FAO and other organizations

Conducted scientific and development studies as a consultants on many aspects for other international organizations and projects (GEF, CARE, GTZ, FNC, Ford Foundation and Arab Organization for Agricultural Development).

Consultant for the FAO for the FAO/FNC Project GCP/SUD/047/NET, 1994 – 1999

1. Consultant for the National Forest inventory 1994 – 1995
2. Consultant for the Fuel wood development for energy in Sudan, Elrawashda inventory 1995
3. **Socio-economic, Environmental and management aspects of Mesquite (*Prosopis juliflora*) in East Sudan 1998. A consultancy report for Ford**

Foundation/ Institute for Invironmental Studies, University of Khartoum, Sudan.

- 4 Author contract with FAO/Cairo on a study on “Prosopis species in Yemen, Sudan, Oman and Somalia, July – September 2004
- 5 Author contract with FAO/Cairo on a study on “Forestry Education in Near East countries with reference to Sudan, Egypt, Syria, Iran, Turkey and Cyprus
- 6 Author contract on a study of mesquite spread and impacts in Wadi Hahdramout, Yemen 1999. A consultancy report for Wadi Hahdramout agricultural project
- 7 Author contract for the FNC/FAO on updating Forest Sector Review, to update the review publish by World Bank 1984.
- 8 Consultant during Sept 2007 – present, contract on environmental impact assessment for irrigated projects in Sudan, (Kenana and Rahad projects) for Lahmeyer International.
9. Consultant author contract a team member working for the Ministry of Agriculture, Yemen, Sept 2009 on a feasibility study on Modern Irrigation System, my contract was on environmental impact.

Contribution in Climate Change Issues

- I contributed in the Climate Change Enabling Project in the Sudan, 1998 – 2003 and participated in GHG inventory and in the compilation of the First National Communication report. Presently involved in the GHG inventory and compilation of the Second National Communication Report
- 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 for the AR3.
- 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 the Informal Dialogues on LULUCF in Spain in April 2006 and presented a paper on “Reducing emission from deforestation in developing countries” and participated in the workshop in May 2006 in Austria on same deforestation on the same topic.
- Participated in the international conference organized by the CCD in Botswana on agroforestry development and its relation to CCD and UNFCCC Sept.
- Consultant, environmental impact assessment in irrigated projects, Kennana area for Dam Implementation Unit, Khartoum (for two years 2007 – 2009).
- Contributed in AR4 IPCC science-policy dialogue in Africa held in Ghana 18 – 21 Oct. 2009, presented a paper on “The role of forests in Climate Change

impacts mitigation”.

- Contributing in Climate Change and developing countries a one day workshop (18/11/09) as preparatory activity for the negotiating delegate in Norway Dec/2009, paper on “Climate Change and the needs of Developing countries”

Experience in Academic affairs

- Staff member at the Faculty of Forestry, University of Khartoum since 1980 and a member of many committees on academic affairs
- Head Department of Forest Management (June1994 – June 2000)
- Dean Faculty of Forestry (June 2000 – June 2002)
- Member of the Faculty Board, Faculty of Forestry, Faculty of Agriculture and Institute of Environmental Studies, University of Khartoum
- Member of Senate (June 1994 – June 2002)
- Member of the advisory council in academic affair, ministry of Higher Education June 2000 – June 2002 (When I was Dean of Faculty of Forestry).
- 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 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 and the United Nations University all on issues reted to forestry and the environment)
- Presented a paper on "Successful examples of academic relations between Sudan and Finland in a conference **React to Act held** in Hesinki 2002.

Publications

A. Books

1. **Elsiddig. E.A. 2007.** Jebel Marra: The Potentials for Resources and Rural Development IN Darfur. El-Gawda Press, Khartoum. 232 p. Tree measurements in Sudan. University of Khartoum Press

2. **النور عبد الله الصديق 2005.** قياسات الأشجار فى السودان. مطبعة جامعة الخرطوم. Tree measurements in Sudan. University of Khartoum Press 232 p

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.

5. Luukkainen, 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.

B. Papers in Reviewed Journals

1. 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.**

2. 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**

3. 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.**

4. Elsiddig, E.A. 1994. An indicative assessment of the productivity trend of *Ecalyptus microtheca* irrigated plantations in the Gezira Scheme. *U. of K. J. Agric Sci.* Vol. Z. No. 2: **134 – 140**

5. Elsiddig, E.A. 2001. Stem diameter, crown width and height relationship of *Acacia nilotica* and derivation of volume equations. *U. of K. J. Agric Sci.* **9 (1): 96 - 101.**

6. 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.**

7. Elsiddig, E.A. 2003. The use of *Ziziphus spina-christi* as Agroforestry component in Yemen. *U. K. J. Agric Sci.* **11 (1): 107 - 116.**

- 8. Elsiddig, E.A. (2003)** Above-ground biomass for *Acacia seyal* natural forests in eastern Sudan. *Sudan silva* **9 (1): 24 - 39.**
- 9. Elsiddig, E.A. 2003.** Development of volume and height equations for *Eucalyptus camaldulensis*, *Acacia nilotica* and *Acacia seyal* in the Sudan. *Sudan Silva* **9 (2) 1 – 13.**
- 10. 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.**
- 11. 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.
- 12. Elsiddig, E.A. and Idris, E.A. 2004.** Development of volume estimating system for *Cupressus lusitanica* in Jebel Marra U. K. *J. Agric Sci.* **12 (2): 235 – 248.**
- 13. 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.**
- 14. 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 *Acaciaa senegal* plantation in western Sudan. *Journal of Arid Environment* **13.**
- 15. 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.*
- 16. 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 – 381.*
- 17. Elsiddig, E.A. 2007.** 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.
- 18. 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.*
- 19. Elnour Abdalla Elsiddig, Talaat Dafaalla Abdelmagid ND 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.

20. 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*, in press, (paper accepted according to attached letter).

Papers in Arabic

21. النور عبدالله الصديق 2005. استعراض مرجعي لحالة الموارد الطبيعية بالسودان: نحو استخدام سلمي. مجلة الغابات الشعبية والبيئة II – العدد السابع. 5 - 14.

21. (A review of Natural resources status in Sudan: Towards peaceful Use. *Social Forestry and Environment Newsletter – Volume II, No. VII. 5 - 14.*)

C. Papers in Reviewed and Edited Conferences Proceedings

22. Elsiddig, E.A. 1992. How to sustain inventories through declining budgets. Proceedings of the stand inventory technologies: An International Multiple Resource Conference. The World Forestry Center. Portland, Sept. 13 - 17, 1992. American Society for Photogrammetry and Remote Sensing.

23. Elsiddig, E.A. and Abdelgadir, A. Y. 1997. Carbon fluxes in relation to land use changes and forestry. A paper presented for the training workshop on CO₂ inventory in Sudan. Higher Council for Environment and Natural Resources, Khartoum, Sudan.

24. Elsiddig, E.A. 1999. National conversion factors of forestry and grassland for CO₂ 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.

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. 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 3rd Arab International Apicultural Conference, Tanta – Egypt (28 – 31 December 2003).

28. 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.

29.

29. **النور عبد الله الصديق** و عبد الله مير غنى الطيب و عبدالعظيم يسن عبدالقادر 2005. حصر التنوع الحيوى للموارد الشجرية بجبل مرة: نحو استخدام مستدم. مؤتمر التنوع الحيوى ودور المحميات الطبيعية وبنوك الموارد الوراثية فى حمايته. الخرطوم، 12 – 14 سبتمبر.

30. **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.

31. 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

32. 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).

33. Talaat D. A Magid, **El Nour A. El siddig**, and Abdel salam A. Abdelsala **2008.** Biomass Consumption and Alternatives, their Constraints and Impacts on Environment. Workshop on Scientific Approach for Combating Desertification 11- 12 June 2008 Khartoum. Adventist Development and Relief Agency (ADRA) Khartoum

34. Talaat D. A, **El Nour E. A.** and Lugman Mohamedein 2008. Desertification in Sudan Experiences and Lessons Learned.

35. **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.

36. 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.

D. Development Papers in Conference Proceedings

37. **Elnour Abdalla Elsiddig 2002.** Successful results from Sudan-Helsinki academic co-operation in the field of Forestry. React to act seminar, 17 – 20/April/ 2002, University of Helsinki, Helsinki, Finland

38. 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>

E. Scientific Studies

I conducted **8** consultancies on various issues on the Environment, deforestation, desertification and drought in the dry lands of Sudan, contracted by organizations including FAO, GEF, SOS Sahel and GTZ.

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.; 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.

3. Elsiddig, E. A.; Eltayeb, A. M. and Abdelgadir, A. Y. **1996.** Management of natural forests in Jebel Marra with consideration to community needs. A study for the Sudanese Environment Conservation Society, Jebel Marra.

4. 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).

5. 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).

6. 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

7. 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

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

F. Post-graduate Supervision

Research Action Plan for combating Desertification, 22 – 24 November, 2005, Alsharga Hall, University of Khartoum. Presented a paper (see list of papers).

Resource Management & social forestry Conferences and Workshops

Participated in 16 conferences at the national and international levels and in many of them presented papers.

Other special talents/qualifications (special research)

- I supervised 12 PhD and 22 MSc. Students at the Faculty Resource Management, & social forestry of Forestry, University of Khartoum and other universities including one PhD at the University of Helsinki being a co-supervisor. Presently supervising six PhD and ten MSc students. Their problem areas cover sustainable forest management, Aforestation/Deforestation, agroforestry management forest yield science and forest measurements. Below are selected examples.
- Consultants on many studies for international organizations and projects (UN, FAO, GEF, CARE, GTZ, FNC, Ford Foundation)

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 the editorial board of “Biomass Energy Network News Letter” up to 1996.
- 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, Congress in Oslo, Norway, 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, an advisory committee on research, drought impacts and climate change issues in Africa. OSS is stationed in H. Conferences and Workshops Tunis under UNESCO.

L. Language Ability

	<u>Language</u>	<u>Speaking</u>	<u>reading</u>	<u>writing</u>
Mother Tongue	Arabic	fluent	fluent	fluent
Other Languages	English	fluent	fluent	fluent

M. Computer Knowledge and Skills good experience

Documents can be submitted if requested on any issue mentioned in C.V.