

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Curriculum Vitae
Dr. FAISAL ABDALLA SINADA FLS
Tel.:249912338392
E-mail: fsinada@gmail.com

I. PERSONAL DATA

Address	Department of Botany, Faculty of Science, University of Khartoum, P O Box 10688, Khartoum 11111, Sudan
Gender	Male
Marital Status	Married, two children
Nationality	Sudanese
Date of Birth	24/4/1945
Place of Birth	Omdurman, Sudan
Present Job	Associate Professor
Languages	Arabic (Mother Tongue), English

I. QUALIFICATIONS

B.Sc. (1968); M.Sc. (1973); Ph.D. (1977)

II. PROFESSIONAL MEMBERSHIP

Fellow of the Linnean Society of London (FLS)
Freshwater Biological Association (FBA, Ambleside , England, UK, Life Member); 1976-present
Sudanese Environmental Conservation Society (SECS, Khartoum, Sudan) 1975-1985, 2000-present
Sudanese National Academy of Science (SNAS) 2008-present
American Association for the Advancement of Science (AAAS) 2005-present
American Society for Microbiology (ASM, Washington, USA) 2005-present

III. COMMUNITY SERVICES: CONSULTANCY

1978-1983	Consultant, Member of a team (Hydrobiologist) investigating the future impacts of Jonglei Canal on the ecology of the White Nile, commissioned by Hydrobiological Research Unit (HRU), University of Khartoum.
1981-1983	Consultant, Member of a team (Hydrobiologist) monitoring environmental changes on the Blue Nile and the White Nile, commissioned by Clarks University and Institute of Environmental Studies (IES), University of Khartoum
1983	Consultant, Member of a team (Phycologist) monitoring the status of the environment in the Red Sea in the vicinity of Yunbu, Saudi Arabia, commissioned by Saudi-Sudanese Red Sea Joint Committee.
2001	Consultant, Member of a team (Botanist) designing pilot project for the use of constructed wetlands for phytoremediation of produced water from Muglad Basin oil fields, commissioned by Greater Nile Petroleum Operating Company (GNPOC).
2002	Consultant, Member of a team (Botanist) reporting on environmental Impact Assessment (EIA) for Greater Diffra Development Project, commissioned by Greater Nile Petroleum Operating Company (GNPOC) and Sudanese Environment Conservation Society (SECS).
2003	Consultant, Member of a team (Botanist) reporting on EIA for Neem Field Processing Facilities Project, Greater Nile Petroleum Operating Company (GNPOC) and Sudanese Environment Conservation Society (SECS).
2004	Consultant, Member of a team (Botanist) reporting on EIA for Fula-Khartoum pipeline, commissioned by China Petroleum Engineering Construction Corporation (CPECC) and Sudanese Environment Conservation Society (SECS).

2005	Consultant, Member of a team (Botanist) scoping for seismic activities and reporting on EIA , Block 8 Dinder Park, commissioned by White Nile Petroleum Operating Company (WNPOC).
2005	Consultant, Member of a team (Botanist) scoping for seismic activities and reporting on EIA , Block 5A Sudd Region, commissioned by White Nile Petroleum Operating Company (WNPOC).
2006	Consultant, Member of a team (Botanist) scoping/inception reporting on EIA for seismic exploration of Total's Block B South Sudan, commissioned by French Total and Partners in Environmental Sustainability (PIES Khartoum)..
2006	Consultant, Member of a team (Botanist) commissioned by Higher Council for Environment and Natural Resources (HCENR) to compile Information Sheet (RIS) of the Ramsar Wetland Site <i>the Sudd Wetland</i> , Republic of the Sudan.
2007	Consultant, Member of a team (Hydrbiologist) reporting on EIA for the Omdurman <i>Business District Project</i> on the Hydrobiology of the White Nile, commissioned by Partners in Environmental Sustainability (PIES Khartoum)..
2007	Consultant, Member of a team (Botanist) scoping/inception report EIA for proposed Dal Dam across the Nile in Northern Sudan, commissioned by Nile Basin Initiative (NBI).
2008	Consultant, Member of a team (Botanist) reporting on EIA for seismic activities, Block 5B Sudd Region, commissioned by White Nile Petroleum Operating Company (WNPOC) and Partners in Environmental Sustainability (PIES Khartoum).
2008	Consultant, Member of a team (Botanist) reporting on EIA for Kaikang Storage Loading Facilities, Higlig, Greater Nile Petroleum Operating Company (GNPOC).
2010	Consultant, Member of a team (Botanist) reporting on EIA for Rehabilitation of Babanousa-Wau Railway, commissioned by Partners in Environmental Sustainability (PIES Khartoum) subcontractor of World Bank.

IV. STANDING NATIONAL COMMITTEES

1	Member of the Sudanese National Wetland Committee (Ramsar, Higher Council for Environment and Natural Resources (HCENR), Ministry of Environment and Physical Development Khartoum, Sudan (2003-present).
2	Member of National Wetland Policy Subcommittee, Higher Council for Environment and Natural Resources (HCENR), Ministry of Environment and Physical Development Khartoum, Sudan (2005-present).
3	Member of Higher Ministerial Committee to study the impact of Grand Ethiopian Dam. Ministry of the Environment (2014-present).
4	Member of committee of Basic Sciences. Ministry of Higher Education and Scientific Research (2015-present).

V. CURRENT RESEARCH ACTIVITIES

1	The Nile Ecosystem: The Nile and the threats of pollution, contamination and eutrophication.
2	Base-line data: The status of the environment of the Main Nile, the Blue Nile and the White Nile.
3	Point sources of industrial and sewage inputs (nutrients and heavy metal and organic pollutants) and diffuse sources of agricultural inputs (pesticides and fertilizers) into the Nile System.
4	Diatoms as indicators of environmental changes (eutrophication and pollution)
5	Isolation and characterization of oil degrading bacteria from petroleum oil contaminated produced water, refinery oily sludge and contaminated soils.
6	Bioremediation of produced water and refinery oily sludge to reduce the concentration of TPH to a desired limit.
7	Bioremediation and rhizoremediation of refinery oily sludge and hydrocarbon contaminated soils
8	Characterization of surfactants produced by hydrocarbon-degrading bacteria isolated from polluted sites

VI. CONFERENCES AND WORK SHOPS ATTENDED

September 1974	Annual scientific meeting of the Botanical Society of Edinburgh at University of Durham, England (speaker).
January 1975	Annual scientific meeting of the British Phycological Society, at University of London, England (listener).
November 1981	4 th International Conference on the Nile Valley Countries: Continuity and change. Institute of African and Asian Studies University of Khartoum, Khartoum, Sudan.
April 2015	ورشة عمل حول تجربة التعريب بكلية العلوم اللغة الإنجليزية والتعريب.. تدني المهارات ووسائل الإرتقاء
2009	Workshop: Baseline Information on wetland and Biodiversity. Nile Basin Initiative, Nile Transboundary Action Project. Khartoum (speaker)
October 2009	The 4 th Conference of Horn of Africa Regional Environment Network: Rural and Urban Ecosystems Management. Khartoum (speaker).
March 1982	4 th conference of Arab Association of Collegiate Registrars and Admissions Officers, Khartoum (paper co-author)
March 2010	1 st International Conference of University of Khartoum, Graduate College, Khartoum, Sudan (speaker).
November 2010	Invited expert at Ministry of Petroleum workshop on “ <i>Environmental Impact of oil development in South Sudan</i> ” to comment on the report presented by Norwegian experts to the Ministry of Petroleum, Khartoum, on the Environmental Impact of oil development in South Sudan (speaker).
September 2011	دعوة من جامعة أفريقيا العالمية من مركز الدراسات النسوية للمشاركة في وضع منهج لنيل درجة الدبلوم والماجستير في العلوم الأسرية ومنهج لنيل درجة ماجستير العلوم في تكنولوجيا الأغذية
June 2013	Workshop on Knowledge Management for Environmental Sustainability. (Towards an Environmentally Conscious and Conserving Sudanese Society) Round-table discussion. Dal Excellence Centre Khartoum North

VII. ORGANIZATION OF WORKSHOPS

2005-2006	Chairman of the Organizing Committee of the Workshop for evaluation of Arabicisation of the Faculty of Science Curricula, Faculty of Science, University of Khartoum Khartoum, 24-26 April, 2006.
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VIII. PUBLIC LECTURES (In English and Arabic)

April 2004	Remediation of environmental pollution caused by industrial wastewater .Remediation and decontamination of <i>produced water</i> generated by oil industry. Public Lectures, Faculty of Science, University of Khartoum.
April 2005	النيل و مخاطر التلوث الأخطار والأضرار التي قد يتعرض لها نهر النيل في السودان وتهدده محاضرات اليوم الثقافي كلية العلوم جامعة الخرطوم 2005
April 2007	المياه المنتجة أو الماء المصاحب للنفط :الهاجس البيئي وطريقة المعالجة .محاضرات اليوم الثقافي كلية العلوم جامعة الخرطوم 2007
February 2009	التلوث في مياه النيل الأزرق. محاضرة للإعلاميين والمختصين بشأن المياه في الإدارات الحكومية والمؤسسات المختلفة نظمها المنتدى الاعلامي جريدة السوداني والجمعية السودانية لحماية البيئة.
February 2010	Water quality and pollution threats in the Nile within Sudan. Graduate Studies and Scientific Research Conference University of Khartoum, 27 th February-2 nd March 2010 Friendship Hall-Khartoum.
April	Implementation of environmental impact assessment (EIA) in Sudan. Khartoum

2012	Environmental Forums, Sudanese Environmental Conservation Society and European Union.
June 2013	Water Quality and Pollution Threats in the Nile within Sudan. Workshop on Knowledge Management for Environmental Sustainability. (Towards an Environmentally Conscious and Conserving Sudanese Society) Round-table discussion. Dal Excellence Centre Khartoum North 1-2 June 2013
February 2014	نحو تنظيم ورشة عمل لتقييم تجربة التعريب بجامعة الخرطوم. محاضرات اليوم الثقافي كلية العلوم جامعة الخرطوم
September 2014	The impact of artisanal gold mining. Sudanese National Academy of Science (SNAS), Omdurman Hall Future University, Khartoum 2 nd -3 rd September 2014 (Chairing a session)

IX. PUBLICATION LIST

(i) Papers Published in Refereed International Journals

1	Abdel-Rahman, ME & Sinada, FA (2015) . Seasonal variations of the phytoplankton in the White Nile at Khartoum, Sudan. <i>International Journal of Science, Environment and Technology</i> , 4: (4), 1199 – 1211.
2	Madani, I, Majbour, M & Sinada, F (2015) . Morphological variation of four <i>Ipomoea</i> species from Sudan. <i>European Academic Research</i> 3: (7)
3	Schouw A, Sinada FA , & Birkeland NK (2013) <i>Thermoanaerobacter</i> spp. recovered from hot produced water from the Thar Jath oil-field in South Sudan. <i>Afr. J. Microbiol. Res.</i> 7(46): 5219-5226
4	Sinada, FA & Abdel-Rahman, ME (2013) Water chemistry and quality of the White Nile at Khartoum. <i>Sudan Journal of Science</i> , 5 (2): 1-14. . http://sciencejournal.uofk.edu
5	Sinada, FA & Yousif, S (2013) Water chemistry and quality of the Blue Nile at Khartoum. <i>Sudan Journal of Science</i> , 5 (2): 32-43. http://sciencejournal.uofk.edu
6	Sinada, F. & Yousif, S. (2012). An up-dated checklist of the phytoplankton of the Blue Nile at Khartoum. <i>Sudan Journal of Science</i> : 5 (1), 10 pp. http://sciencejournal.uofk.edu
7	Murcia M. D., Gomez M., Gomez E., Gomez J. L., Sinada F. A. , & Christofi N. (2012): Testing a <i>Pseudomonas putida</i> strain for 4-chlorophenol degradation in the presence of glucose, <i>Desalination and Water Treatment</i> , 40:1-3, 33-37
8	Hamadto, S., Agabawi, K. Akode, M., Barsi, B., Zaroog, A., Ibrahim, H., Dirar, H., Gorashi, Y., Sinada, F , Musnad, H., Mograbi, A., El Tayib, F., Omer, H., Ibrahim, O., & El Tom, O. (2007). Design and construction supervision of the bioremediation project in Higlig. <i>Journal of Future Studies</i> . 3 (N ^o 2):1-28.
9	Elmoghaby, AI, El Seed, MT, Sinada, F , Ali, OM (1986) Recent ecological changes in the Nile System in Sudan. <i>GeoJournal</i> , 13(4): 417-419.
10	Sinada, F & Abdel Karim AG (1984) Physical and chemical characteristics of the Blue and White Nile at Khartoum. <i>Hydrobiologia</i> , 110:21-32.
11	Sinada, F & Abdel Karim AG (1984) A quantitative study of the phytoplankton in the Blue Nile and the White Nile at Khartoum. . <i>Hydrobiologia</i> , 110:47-55.
12	Sinada, F & Abdel Karim AG (1984) Primary production and respiration of the phytoplankton in the Blue Nile and White Nile at Khartoum. . <i>Hydrobiologia</i> , 110:57-59.
13	Desougi, LA & Sinada, F (1983) The Blue Nile River from the Ethiopian boarder to Khartoum, environmental monitoring, baseline and trend analysis E. T. M. A. Program /Sudan. A joint project between Institute of Environmental Studies (IES), University of Khartoum and Clark University, USA. 96pp.
14	Desougi, LA & Sinada, F (1982) The Nile and the threats of pollution. <i>Proc. 4th Conf. Nile Valley. University of Khartoum, Sudan.</i>
15	Stewart, WDP, Sinada, F , Christofi, N & Daft, MJ. (1977) Primary production and microbial activity in Scottish freshwater habitats. In Aquatic Microbiology, ed. FA Skinner & JM Shewan <i>Symp. Soc. Appl. Bact. No 6 London, Academic Press.</i>

(ii) Papers Published in Refereed Proceedings of International Conferences and Workshops

16 **Sinada, F (2009).** Water Quality and Pollution Threats in the Nile within Sudan. The 4th Conference of Horn of Africa Regional Environment Network: Rural and Urban Ecosystems Management. 12th – 17th October 2009. Khartoum.

17 **Sinada, F (2009).** Biodiversity of Aquatic Non-vascular Plants of the Nile within the Sudan with Special Emphasis on Planktonic Algae. Workshop: Baseline Information on wetland and Biodiversity. Nile Basin Initiative, Nile Transboundary Action Project. 15pp. In “Wetlands and Biodiversity in Sudan.” ed. Z. N. Mahmoud and Yousif B. Abu Gideiri.

(iii) Technical Report

18 **Sinada, F & Haggaz, YA (2006).** Water Resources in Sudan. Review Report prepared for UNEP - Sudanese Environmental Conservation Society, Khartoum, Sudan. 47pp.

(iv) Chapter in a book

19 Talling, JF, **Sinada, F**, Taha, O, & Sobhy, E (2009). Phytoplankton: Composition, Development and Productivity. In H. J. Dumont (ed.), The Nile. Monographiae Biologicae, Vol. 89: 431–462. Springer, Dordrecht

X. OTHER PUBLICATIONS IN ARABIC

1 فيصل عبدالله سنادة والبشرى الشيخ النور ومُجد أمين صديق (2008). دور علوم الحياة في النهضة الشاملة. الندوة العلمية القومية: العلوم الأساسية أساس النهضة. لجنة العلوم الأساسية، المجلس القومي للتعليم العالي والبحث العلمي، وزارة التعليم العالي والبحث العلمي. ديسمبر 2008م.

2 فيصل عبدالله سنادة و منال عامر صالح (2005) اللغة الإنجليزية والتعريب: تدني المهارات ووسائل الإرتقاء. ورشة عمل حول تجربة التعريب بكلية العلوم. أبريل 2005م.

3 فيصل سنادة و عوض حسن وعادل الحسين (2002) التنوع النباتي والأحياء الدقيقة في السودان: النباتات غير الزهرية. حلقة عمل عن التنوع الإحيائي في السودان. معهد السودان للعلوم الطبيعية. وزارة التعليم العالي والبحث العلمي. أغسطس 2002م.

4 لطفي عبد القادر و فيصل سنادة و عبد الله الخضر (1982) نظام الساعات المعتمدة بين النظرية والتطبيق بكلية التربية جامعة الخرطوم. المؤتمر الرابع للقبول والتسجيل بالجامعات العربية، الخرطوم مارس 1982م.

XI. PAPERS IN PREPARATION FOR SUBMISSION

1 **Sinada F. & Yousif, S..** Seasonal phytoplankton development in the Blue Niles near Khartoum. *In prep. for* Journal of Faculty of Science, University of Khartoum.

2 Abdel-Rahman. M. E. & **Sinada F.** (An Up-dated Checklist of the Phytoplankton of the White Nile at Khartoum. *In prep. for* Journal of Faculty of Science, University of Khartoum.

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